



WORLDWIDE TV-FM DX ASSOCIATION
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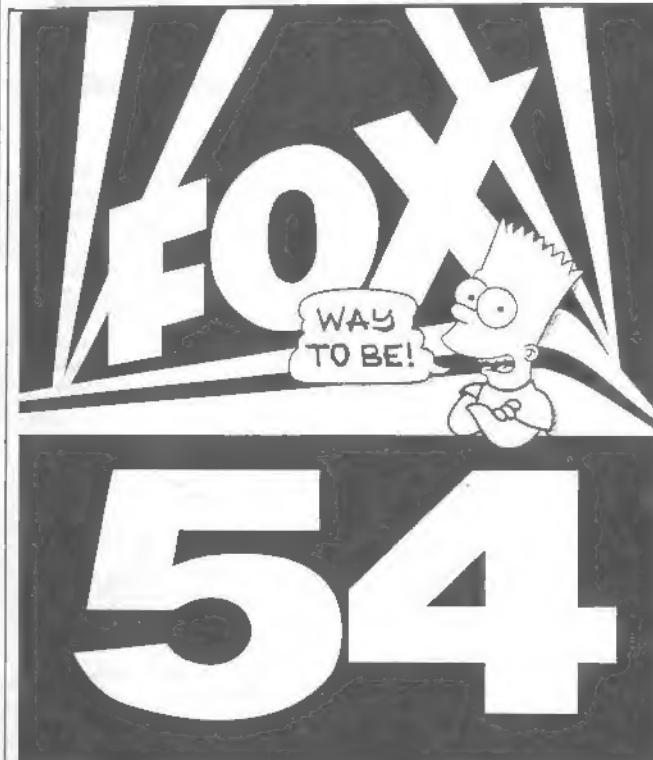
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VHF-UHF DIGEST

The Official Publication of the Worldwide TV-FM DX Association

SEPTEMBER 1993



WFXG-TV

AUGUSTA

—1993—
FOX
AFFILIATE
OF THE
YEAR!

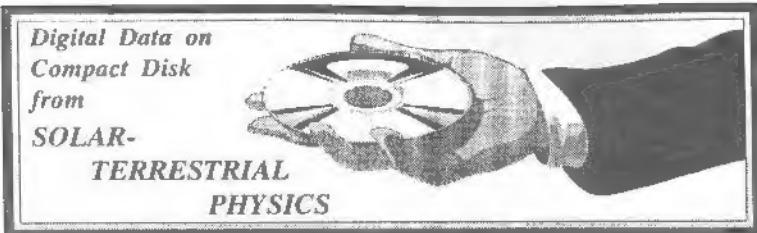
Out of 139 Fox television stations, WFXG FOX 54, Augusta, Georgia, is number one in terms of ratings strength. And, has been named 1993 Fox Affiliate of the Year.



EXCITEMENT SHOW!

Represented Nationally By:





The National Geophysical Data Center (NGDC) provides several digital data sets on compact disk (CD-ROM). Below is a comprehensive list of previously advertised CDs of data from NGDC's Solar-Terrestrial Physics Division. For your convenience, an order form is provided on the back of this flier. The prices listed here are valid through September 30, 1993.

GOES Space Environment Data: This CD-ROM contains X-ray, Magnetometer, and Energetic Particle data measured by NOAA's Geosynchronous Operational Environmental Satellites (GOES). These data are an excellent resource for studying solar activity and its effects in near earth space. Previously announced under Data Announcement STP-92-5 Price: \$203

Neutron Monitor Data: This is a "write-once" CD-ROM written in ASCII text files containing cosmic ray data from neutron monitors operating in many parts of the world with data going back to 1953. Previously announced under Data Announcement STP-92-3 Price: \$203

Flares in Hydrogen-Alpha: This is a "write-once" CD-ROM written in standard ASCII text files containing solar flare records grouped by year from ground based observations. Data include reports (1938-present), events (1955-present), patrol (1955-present), and indices (1955-1980). Previously announced under Data Announcement STP-92-4 Price: \$111

Regions of Solar Activity: This is a "write once" CD ROM written in standard ASCII text files containing records of Ca plage regions and sunspot groups. Records are grouped by year and by station. Plage observations are from Big Bear (1981-1987), Hale (1979-1981), McMath (1942-1979), AGD Table (1959-1982), and Indices (1970-1987). Sunspot observations are from Cataria (1978-1987), Greenwich (1874-1982), MI Wilson 1962-1991, Rome (1958-1989), and US Air Force (1981-1991). Previously announced under Data Announcement STP-92-4 Price: \$111

Solar Radio Bursts: This is a "write-once" CD-ROM written in standard ASCII text files containing solar emissions recorded since 1960 at ground observation stations, available on this CD at discrete and sweep frequencies. Previously advertised under Data Announcement STP-93-4. Price: \$111

MAIL ORDERS TO: National Geophysical Data Center
Code E/GC2, Dept 920

325 Broadway
Boulder, CO 80303-3328

Telephone: 303-497-6761
TELEX: 592811 NOAA MASC BDR
FAX: 303-497-6513
INTERNET: Info@mail.ngdc.noaa.gov
Voice/TDD: 303-497-6958



National Geophysical Data Center

Nashville

1993

CONVENTION REPORT

Hot Temps, Hot Tropes, Hot Times in 'Music City'

[written by Tom Bryant and Doug Smith]

(As co-hosts of the Nashville Convention we found it difficult to be totally objective in preparing this summary. Please excuse us if we seem to be tooting our own horn...but it WAS a helluva good get-together!)

Shortly after 9 AM on Friday July 23 WTPDA's 1993 convention officially opened for business. As club members arrived they were presented with a name tag and a bag of goodies including bumper stickers, caps, T-shirts, key chains, coverage maps, tourist info, etc. Local broadcasters were generous with their contributions, and the retail value of each sack was between \$10 and \$15.

Three monitoring posts began to take shape about noon, and were up and running by 1:30 PM. Jim Dietrich brought antennas, rotors, baluns and pre-amps; and Doug Smith supplied tripods, masts, and setup help. Another club antenna expert, Doug Allen, pitched in to get the whole thing operational. Tom Yingling made a major contribution by letting us use his tv receiver and ICOM tuner. During the first half of the gathering the FM setup utilized a Carver tuner on loan from Dave Nieman; and Doug Smith's Technics tuner saw duty for the remainder of the weekend. Another setup at the other end of the convention room was dedicated to tape playback.

The 9th floor convention site was ideally suited to our group. Small tables in the one-time skytop bar were filled with photos of dx catches along with historic QSL and promotional material. Two larger tables housed extra giveaway items and a display of RDX Labs products. The UHF and VHF receiving sites were located side-by-side at the north end of the large room, and the FM installation was about 15 feet back toward the west side. The bar area was stocked with soft drinks and snacks. There was plenty of elbow room, and in spite of the 100 degree + heat index, the air conditioning system managed to keep the large glass-enclosed room comfortable.

By late Friday afternoon about half of the group had arrived and the 9th floor of Days Inn Central was buzzing with activity.

During the course of the convention many of our guests spent time away from the meeting site to explore area points of interest. Several went to the Friday Night Grand Ole Opry; some headed for the big regional shopping malls; and a few ferreted out antique shops. A small group made a pilgrimage to the WSM-AM transmitter; a large number enjoyed the German atmosphere and food at the Gerst House Restaurant; and one carload even made a side trip to Bowling Green, KY to visit stations and get T-shirts!

continued - next page

1993 CONVENTION REPORT - continued

Late Friday evening everyone eventually made it back to our meeting site to visit, dx, and enjoy the spectacular view of the Nashville skyline. Fortunately, there was a lot to look at and yak about; because the dxing was mediocre. Normal tropo activity produced catches in the 200-300 mile range...certainly nothing to get excited about. (Note: although some CCI was spotted on 2 at times, no Es was logged.) By 2 AM the crowd had thinned considerably; and by 4 AM everyone had given up for the night. Maybe tomorrow would be better!

When the convention room re-opened Saturday morning, activities resumed almost as if there had not been an overnight pause. Tour groups were organized and headed out for WSMV (channel 4) and WSM AM/FM. After a noon lunch break the second set of station tours got underway; and by 4PM everyone was back at the Days Inn Central in time to get ready for the banquet.

Tom and Doug had decided that a southern flavor would be a nice touch for the banquet menu, and the results were excellent. In a cozy meeting room on the first floor, 33 dxers and guests were treated to generous servings of southern-fried chicken, southern-style green beans, potatoes and gravy, and a yummy peach cobbler. The hotel banquet staff came through with flying colors (Confederate flags...maybe?)!

As the tables were cleared, Tom Bryant welcomed those attending and introduced the first guest speaker, Mr. Aaron Shelton; retired Chief Engineer of WSM, Incorporated. Aaron spent the next hour sharing memories of his nearly 50 years in the industry. His talk ran the gamut from humorous stories about Opry stars to the early days of AM; W47NV (claimed by WSM to be America's first commercial FM station); the shaky startup of WSM-tv; and a host of technical innovations along the way.

After Mr. Shelton's talk and a short break; Doug Smith spoke briefly about several upcoming industry developments including HDTV.

There was a drawing for door prizes, then a DX QUIZ based on VUD items published during the past 12 months. The quiz produced laughs, gasps, and groans; and seemed to be a popular feature. There were prizes for low and high test scores; plus some confusion as to how to award them as the hosts (Bryant, to be specific) hadn't planned on any ties.

After the quiz, the formal portion of the meeting concluded as we all paraded by NRC member Ernie Weselowski's camcorder to say howdy! (Ed. note: Special thanks to Ernie for his assistance in helping a WFTA member who experienced major car trouble. Ernie is truly a credit to our hobby and the human race!) A special invitation had been extended to the radio-only clubs, and several IRCA and NRC members joined us for the weekend. Ontario DXer Dave Whatmough showed up in his much-traveled "DX-Mobile"...a real treat for those who hadn't seen it before.

By 9:30 Saturday night the 9th floor convention room had filled up again and the non-stop gabfest was back in high gear. Tropes were up, too! Nobody said much, but you could sense the vibes that big things were going to happen...and they did!

About 2:30 AM Sunday morning all hell broke loose...and an opening the likes of which had never been seen by Nashvillians filled our screens (and FM gear) with a non-stop parade of trope visitors from Arkansas, Oklahoma and Texas. There were still about 10 people up at the time; including dx 'king' Bob Seybold who was reeling in new loggings at a frantic pace. Greg Coniglio and Matt Sittel were getting equally amazing results at the FM outpost. Oddly enough, the crowd increased as word of the big opening spread. People actually got out of bed to get in on the action! By 5 AM we had seen and heard stations from just about everywhere in the Lone Star State...but only a few hard-core nightowls were on hand to witness the grand prize catch...a Texas U at 790 miles.

continued - next page

1993 CONVENTION REPORT - continued

A total of 22 VHF, 71 UHF, and approximately 75 FM loggings was recorded during the three-day period. Convention Technical Coordinator Doug Smith compiled the following report assessing our facilities; and the major catches of the weekend.

The DX installation had its advantages and disadvantages. The high elevation and short feedlines made for no real problems with physical obstructions or line loss. But, the presence of 9 TVs within 10 miles (including 3 LPTVs less than a mile away) and 12 FMs meant some strategy was necessary to avoid overload. For awhile on Sunday morning, the preamp on the UHF antenna was replaced with a balun to allow DXing the lower UHF channels without excessive overload from WZTV-17.

Local LPTVs were playing games with us, with W68CG choosing to move, the week before the convention, from a site 12mi. away, to one less than a mile away. They also went off the air several times during the convention, allowing logging of WKMJ-68 Louisville, but they were on, and a pest, for most of the Texas opening. W36AK, also within a mile of the convention site, was off for most of the convention; their primary, WPGD-50, was also off quite a bit, and spent several hours Sunday morning sweeping their transmitter.

There was an excellent trope opening to the west on Saturday night; this cost several DXers most or all of a night's sleep. The opening centered on the Dallas/Ft. Worth area, with 5 FMs and 77 TVs from that market logged; a variety of other Texas FM/TV stations were logged. Best FM DX was KCWS-102.7 Merkel (777mi.), just west of Abilene; best TV DX was KVDA-60 San Antonio at 790mi. Also logged during the opening were a number of Oklahoma TVs and Arkansas FM/TVs. Someone (I believe it was Greg Coniglio) logged an Arkansas Class A at 352mi.!

Before and after the opening, other less exotic DX was seen and heard. Because of overload from the Knob Rd. tower (WSMV-4, WZTV-17, WSM-95.5) and three LPTVs downtown, most DXing was done to the north, with most stations heard being in the western 2/3 of Tennessee and Kentucky, or in southern Indiana and Illinois, though WRGT-45 Dayton and WINM-63 Angola stretched the paths in those directions.

A quickie list of the more exotic DX seen/heard:

FM:	TV:
WBGL-91.7 IL	KZPS-92.5 TX
KZLE-93.1 AR	KOYN-93.9 TX
KHLT-94.1 AR	KOLL-94.9 AR
KKTX-96.1 TX	KTUX-98.9 TX
KPLX-99.5 TX	KTCS-99.9 AR
WYMG-100.5 IL	KCJC-100.9 AR
WFWC-100.9 IN	KCWS-102.7 TX
KKIX-103.9 AR	KSNE-104.3 AR
KYNG-105.3 TX	KTEI-105.5 AR
KYKK-105.7 TX	KSTV-105.7 TX
KHKS-106.1 TX	KOOI-106.5 TX
KBVA-106.6 AR	KCYT-106.7 TX
	KATV-7 AR
	KETQ-9 AR
	KTN-10 OK
	KTHV-11 AR
	KAFT-13 AR
	KTBQ-14 OK
	KTXA-21 TX
	KDFI-27 TX
	KHOG-29 AR
	WHOA-32 AL
	KDAF-33 TX
	KOCB-34 OK
	KRSC-35 OK
	KASN-38 AR
	KTFO-41 OK
	KTLC-43 OK
	KWKT-44 TX
	KWHB-47 OK
	KHSX-49 TX
	KFXK-51 TX
	KFWD-52 TX
	KETK-56 TX
	KDTX-58 TX
	KVDA-60 TX
	WINM-63 IN

Sunday morning a lot of bleary-eyed dxers returned to the scene of the big "DX-SHOOTOUT" (that's what Doug called it in the program) to pick up a few more souvenirs, say goodbyes, or in some cases to do some more dxing. By early afternoon the antennas had come down, and before long the crowd had thinned to almost nothing. The convention was officially adjourned at 5 PM.

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Downtown Nashville
↓
Saturday banquet
↑



WFM station tour.
↓
Host Tom Bryant
in doorway; co-host
Doug Smith to his
left.
↑



Photos courtesy dBruce Hall and Greg Coniglio. Layout: Dave Nieman.

1993 CONVENTION REPORT - continued

A few of those attending have been acknowledged in this article for their individual assistance and contributions. If anyone was overlooked, please accept our apologies. In reality, all who attended were responsible for the success of the convention. A special note of recognition is in order for Diane Brooks and her staff at the Days Inn Central. The accommodations were roomy and comfortable, and the service was top-notch. A letter of commendation will be sent to Days Inn corporate headquarters to let them know how pleased we were with the facilities and service.

To the best of our knowledge, EVERYONE had a good time in Tennessee's Capitol City. Your hosts appreciated the support and good wishes they received prior to the event; as well as the many thank you and congratulatory calls and letters afterward. To those who attended, we're glad you were able to join us. You were wonderful guests in all respects (the hotel expressed that sentiment, too). To those who weren't able to come, or chose not to attend; we missed you.

Here is a roster of the 33 guests who registered and attended. Not all are WFTDA members. There were several local observers who dropped by (including a teenager from Vancouver, BC who was visiting relatives in Nashville)...plus a few WFTDA, NAC, and IRCA members who stopped in briefly but were unable to take in the entire event. Things got a bit hectic at times and an exact head count was not possible; but our best estimate of total attendance comes to 40.

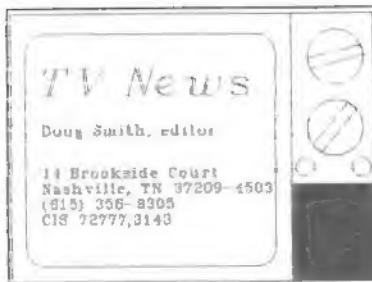
AL: J.O. Stephens, Huntsville **CO:** Doug Allen, Woodland Park **FL:** Michael Hollis, Mary Esther; Matt Sittel, Tallahassee **IL:** John Clemmer, East Moline; Bill Eckberg, Dixon; Jeff Kadet, Macomb; Frank Merrill, Macomb; Marv Shults, Toulon **IA:** Neil Griffin, Ottumwa **IN:** Ralph Strobel, Muncie; Robert Zant, Huntington **KS:** Jim Diatrich, Derby **KY:** Ed Phelps, Benton **MA:** Mark Connally, Billerica **MD:** Tom Yingling, Baltimore **MI:** Robert Grant, Detroit **MD:** Keith Smith, St. Ann **NE:** Michael Hawk, Omaha; Ernest Wesolowski, Omaha **NY:** Greg Coniglio, Williamsville; Dave Nieman, Akron; Bob Seybold, Dunkirk **OH:** George Greene, Akron **ON:** Roger Gravelle, St. Thomas; Bruce Hall, Brantford; Dave Whatmough, Hamilton **TN:** Tom Bryant, Nashville; Chris Johnson, Memphis; Aaron Shelton, New Johnsonville; Doug Smith, Nashville **TX:** Joe Gregg, Palestine; Nelson Herbert, Cerrizo Springs

COMING SOON...

TO YOUR VERY OWN TV SCREEN...

HIGHLIGHTS OF NASHVILLE '93

Tapes supplied by several amateur videographers will be compiled into a comprehensive summary of the highlights of the 1993 convention. Co-host Tom Bryant will edit and narrate the presentation which promises to be the best WFTDA convention tape ever. Due to the large amount of footage a late fall completion date is projected. It'll be an ideal Dier Christmas gift at a sensible price. Check your VUD for availability date, ordering info, and prices. A MUST for those who were a part of it all!



Abbreviations used in this column:

ERP=	Effective Radiated Power, in kilowatts
HAAT=	Height Above Average Terrain, in meters
AAT=	Above Average Terrain
AG=	Above Ground
ASL=	Above Sea Level
nc=	no change
TL=	Transmitter (and tower) Location
CP=	Construction Permit
MP=	Modification Permit (modification of CP)
Pr=	Province (of Canada)
=	Non-commercial
CRTC=	Canadian Radio-TV Commission
DBS=	Direct Broadcast Satellite

CHANGES GRANTED TO EXISTING STATIONS

St Ch ERP HAAT Call City
 AK 5 100 nc KYES Anchorage
 (was 5.89kW)
 AZ 21 1282 nc KPAZ-TV Phoenix
 (was 646kW)

OTHER STUFF

Obviously, the FCC is on vacation... Actually, so is the CRTC...

The deficit reduction bill has hit broadcasters, and other FCC licensees. FCC user fees will be charged; in TV, the annual fees will range between \$4,000 for 100+-market UHFs, to \$18,000 for top-10-market VHFs. Cable systems will pay \$0.37 per subscriber. Non-commercial stations are exempt. (hams note: I've heard nothing about these fees extending to amateur radio)

Regarding last month's Canadian items from Dave Sinclair, the CRTC action permitting religious broadcasting specifically says that

rebroadcasters of U.S. channels (TBN) will not be licensed.

Also in Canada, the CRTC is asking for applications for a new province-wide TV service in Alberta. Cities involved are Edmonton, Red Deer, Calgary, and Lethbridge. Channels aren't given. Two firms, including CanWest (owners of Global in Ontario, of CKVU-10 Vancouver, and CFSK-4 and CFRE-11 in Saskatchewan), have announced plans to apply.

A number of bills have been proposed to limit violent programming on TV. Maybe the most interesting would require TVs to contain a "V-chip", which would allow parents to block viewing of programs rated for violence.

Terry Shockley, who's challenging the license renewals of Wisconsin stations WKOW-27, WAOW-9, WXOW-19, and WQOW-18, claims that bankrupt owner Sharad Tak no longer actually controls the stations. If the FCC agrees in a hearing later this month, they could deny "renewal expectancy", a preference that usually guarantees license renewal.

If the "expectancy" is denied, the chances of Shockley being granted the licenses improves considerably. Tak's creditors, mostly banks & other financial institutions, have no record of successful operation of broadcast stations, while Shockley does, having operated the same four stations until Tak purchased them in 1985.

Tak and his creditors may, however, have another weapon. In late July, the owners of bankrupt KTVB-20 Denver filed in Federal Court to block a competing application for KTVB's license. Their argument is that any action that diminishes the value of a company in bankruptcy is a violation of bankruptcy law.

The Commission is considering a partial return of the "anti-trafficking" rule. Before 1982, if you received a broadcast license, you couldn't sell it for 3 years. The proposed change would resurrect this rule, but only for licenses granted by a comparative hearing. In situations where there's only one applicant, there would be no minimum period.

After a second crash, and five months for repairs, TV Marti-13 is back on the air. Broadcasts resumed on August 4. Actually, TV Marti broadcasts continued via satellite while the channel 13 balloon was

down, but since Cuban law prohibits the private ownership of satellite dishes, chances are only government officials saw the broadcasts.

In a move guaranteed to confuse DXers... KYW-3 Philadelphia has decided to preempt NBC on Fridays between 8 and 9PM. They'll air a 60-Minutes-style news magazine program.

However, West Coast DXers will be "un-confused" by the decision by KRON-4 San Francisco to end its experiment with 7-10PM prime-time. KRON will return prime-time programs to 8-11PM. KCRA-3 Sacramento is expected to do the same.

CABLE ACT

Several cable systems have taken the must-carry rules to the Supreme Court. Their petition claims that the rules are an attempt by Congress to control the editorial choices of cable operators. A hearing isn't expected until next spring—unless the Court refuses to review the case.

Several broadcasters report they've reached retransmission-consent agreements that do involve cash payments. The broadcasters won't reveal which cable systems are involved, but so far they say only small cable systems are involved.

In Wellford, SC, the city is delaying renewal of TeleCable's franchise. Wellford Mayor Hubert Odum wants the system to guarantee they'll carry the local Greenville/Spartanburg/Asheville stations. In nearby Greenville, it's reported that the franchise agreement requires carriage of the local stations; if TeleCable doesn't reach retransmission-consent agreement with all the over-the-air stations, it could be in violation. That agreement doesn't expire until 2007.

A special appropriation of \$11.5million has been made to the FCC. The money will pay for administration of the Cable Act.

The Springfield, Mo. cable system has moved KOLR-10 from cable channel 9 to 32. TeleCable VP Gordon Herring says they're simply getting customers used to KOLR's new dial position, but KOLR's GM believes it's because the station has hired a consultant to handle their retransmission-consent negotiations. The move hurts KOLR not only because of the disruption in viewer habits, but because non-cable-ready TVs will no longer be able to receive the

station on cable without a converter box. (also, at least presumably, the other Springfield over-the-air stations are on low dial positions)

It's rumored that NBC may offer cable systems consent to carry their owned TV stations in return for carrying one or more of three new cable networks they're starting. Two of the networks would be new, one news/talk and the other sports; the third would be their existing Spanish-language news channel, currently available in Latin America. Additionally, NBC has reportedly offered their affiliates a financial interest in the news/talk channel in return for allowing NBC to handle their retransmission-consent negotiations.

A NAB survey released in mid-July shows that roughly 93% of all stations affiliated with one of the "big-3" networks have opted to negotiate for retransmission consent on at least one cable system. For Fox affiliates, the figure is 98%; for non-Fox independents, it's roughly 20%.

The Commission has established a "Cable Information Telephone Line". This service carries information for subscribers, local governments, and cable systems, on the Cable Act. The numbers are:

202-632-0004 (English)
 202-632-0100 (Spanish)
 202-632-6999 (TDD)

See also Tom Bryant's item below for info on retransmission-consent in the Nashville market.

LPTV WATCH

Call St City: programming
 W12CA PA Ellitotsburg: WPCB-40
 K18BY TX Crockett; local
 W17AB FL Tallahassee; TBN
 K17BP TX Palestine: TBN
 K17BY TX San Antonio: Galavision
 W19AW LA Baton Rouge: "WBTR"
 K20BW TX San Antonio; religious
 K21DK TX Giddings; KXAN-38
 K21DM LA Lafayette; The Box
 K22BH TX Corpus Christi: Galavision
 K22CQ LA Monroe; The Box
 K22DP TX Bryan; The Box
 W23AQ FL Lake City; TBN
 K2BAK TX Bryan: KWKT-44
 K29AD TX Corsicana; TBN
 W29AB FL Ocala; TBN
 W29AH PA Pittsburgh; The Box
 W29BH MS Biloxi; TBN
 K30CE TX Austin; Univision
 W31AG MS Clarksdale; TBN

LPTV WATCH (cont'd.)

Call St City: programming
W31AQ AL Mobile; HSS
W31AT FL Gainesville; The Box
W31AU FL Orlando; HSC
K31AI TX Huntsville; TBN
K33CK TX San Antonio; TBN
K33DB TX Houston; KTFH-49
K35CS TX Texarkana; "WBSC" relig.
W36AC MS McComb; TBN
W36AM TN Memphis; The Box
W39AT LA Baton Rouge; "WBTR"
W39AY AL Montgomery; The Box
K39BJ LA Morgan City; local
K40CT TX San Marcos; KXAN-36
W41AE NY Utica; TBN
W41BW AL Dothan; TBN
W45AA MS Columbia; Miss. ETV
K46CR LA Baton Rouge; The Box
W48AV MS Pascagoula; TBN
K47DF TX Corpus Christi; local
K47DW LA Alexandria; WNTZ-48
K47FH TX College Stn.; TBN
W47BP MS Hattiesburg; Miss. ETV
W49AI FL Crystal River; WOFL-35
K49CG AR Little Rock; The Box
K50AO TX Corpus Christi; The Box
W50BF PA Sharon; WPCB-40
K51CK TX Abilene; TBN
W51AO PA Brookville; WPCB-40
K52CQ LA Baton Rouge; various
K53CZ TX Victoria; Telemundo
W53AM NY Utica; The Box
W53HI GA Valdosta; WTLH-49
K54DT TX Abilene; KIDY-6
K55EX LA New Orleans; Tourist Ch.
K55FV TX Houston; ValueVision
K55FX TX Corpus Christi; relig.
W53AJ PA Huntingdon; WWCP-8
W69CS NY Buffalo; The Box

This month, from Dave Nieman and Jeff Krusza's list.

FORUM

Tom Bryant, Nashville TN:

Again on the KOUS-4 IDs seen on channel 3, Tom passed along a letter from an employee of KTVO-2. He writes that commercial breaks on KYUS-3 are run from Billings. He also confirms that the KOUS tower is still in place 18mi. east of town; it's used by FM station KDWG.

From the Nashville Tennessean, an item about my employer... WSMV has decided to request cash for retransmission consent. The proposal would ask for \$0.50 per cable subscriber right now; when cable rate regulations are relaxed in late 1994, the rate would bump up to \$0.75, increasing to \$0.90 by 1995. Reportedly, no other Nashville station has requested cash, but some have said that if other stations get cash, they also want it.

WSMV (and all other TV stations) have until Oct. 6 to reach retransmission agreements; since cable systems must notify subscribers of stations being dropped 30 days in advance, the real deadline is Sept. 6. Viacom, and other Middle Tennessee cable operators, continue to insist that they won't pay cash for consent, but Viacom GM Stan Smith told the Tennessean "I remain confident that all the broadcasters will be on Oct. 6, but we've got a lot of work to do this month."

Among the other Nashville stations:

WKRN-2 has requested cash in return for a second, cable-only, channel. They also want cable systems to agree to buy advertising on channel 2, and provide WKRN with advertising time on the cable systems.

WTVF-5 has reached a no-cash initial agreement with Viacom. Details weren't provided but don't include another cable channel.

WTZV-17 and Viacom have signed on to Fox's nationwide deal, whereby WTZV will be carried without charge, in return for Viacom carrying the new Fox cable network; part of the fees paid by Viacom to Fox will be turned over to WTZV.

WDCN-8, WXMT-30, WHTN-39, and WPGD-50 have all chosen must-carry.

Bill Niansaiadly, Clifton NJ:

(Hey Tom, how many people got #15 right on the DX Quiz?) Bill sends a clipping from the August 2 Daily News, with two items in one. First, an editorial questioning the need for government regulations on violent TV programming-- and even questioning whether it is too violent.

Second, an item regarding a Riverhead (Long Island) resident concerned about the possible disappearance of NYC stations from his local cable system if retransmission-consent negotiations fail. The reporter writes "He simply can't receive the signals where he lives. If he can't get them on cable, he can't get them at all."

According to my calculations, Riverhead is only 70 miles from NYC, 35 miles from WTNH-8 (New Haven, CT), and 60 miles from the other Hartford, CT stations-- certainly no problem for outdoor antennas! The resident interviewed, Tom Mosher, has a more

American solution-- if the cable system drops the NYC stations, he plans on suing...

Another item, from the July 19 Post, reports that NAB-produced announcements arguing the broadcasters' side of retransmission consent have begun airing on WNBC-4. The spots say "Local broadcast television is what makes cable television worth watching".

And finally, "SCUD Stud" Arthur Kent, fired by NBC shortly after the Gulf War, has found a new job. He's returning to his native Canada to host a weekly CBC documentary on "ethical & moral dilemmas in modern life".

(Bill, congrats on the Extra! You going to take your chances on a new callsign??)

William Draeb, Kewaunee WI:

Bill has several news items from Northern Wisconsin.

First, regarding the network swap in Green Bay, the switch occurred on April 15; on this day, WFRV-5 switched from ABC to CBS, and WBAY-2 from CBS to ABC. Presumably, WJMN-3 and WLUC-6 made the same swap at the same time.

Second, regarding WJMN-3, Bill says they aren't a 100% satellite of WFRV-5 anymore. They run their own commercials, and occasionally their own newscasts.

Also on the subject of WFRV-5, Bill writes that that station is now carrying the Milwaukee Brewers network, preempting the CBS baseball games. He asks how strict the networks are about this kind of thing, and whether they have some kind of double-standard for affiliates & owned stations?

Honestly, I don't think so. Few CBS affiliates have aired the network's late-night programs (though that may change with the Letterman show), and when I was with CBS affiliate WISC-3, we would routinely preempt CBS programs for U.W. hockey broadcasts, and occasionally for other programs. WSMV occasionally also preempts NBC for local programs or Billy Graham specials.

WJIM-8 Iron Mountain and WHTA-5 Calumet, Mich. are not on yet. (a list I have from Eric Voytko/Bill Fahber lists a call change on the former station, to WDHS)

There does appear to be a new LPTV on 31 at Wausau. As Bill reported to the August Western TV-DX column, Three Angels and TBN programs were seen on June 22 on a Wausau heading. My database shows no 31 LPTV in Wausau; one possibility is W31BA Minocqua though Minocqua is quite a bit north of Wausau & Bill's 7' dish would probably rule that out. Bill hasn't seen the signal since 6/22.

Regarding my speculation that WXGZ-32's old antenna was on WGBA-26's tower, Bill says that they do have their own tower, about 600' west of WGBA's. The tower is still up, but the antenna was removed about 3 months after they went dark. Bill sees no evidence of work to install a channel 32 antenna on the channel 26 tower.

(OK on WAUN-92.7... could be the tropics, but they were booming into my Madison motel room in June!)

Greg Coniglio, Williamsville NY:

Greg took a road trip to Memphis during the convention; while there, he picked up a copy of the Commercial Appeal, which carried an item on the sale of WMC-5 (and their AM and FM stations).

The article goes into the valuation of a TV station, something that I suspect most people don't understand. (I should say, I know most people don't understand.. Probably the most important question asked of a jury I just served on was to put a value on a travel agency. Two different expert witnesses placed values that differed by 200% & had totally different bases...)

TV stations are valued in multiples of annual cash flow, with a common multiple these days being 7 or 8. So, if WMC generates \$8.5million in cash flow annually, it might sell for 7 times that, or \$59.5million.

New WMC owner Bert Ellis has had several previous successes, including building Act III Broadcasting, a firm which owned several successful Fox affiliates when Ellis sold it about 2 years ago.

Eric Voytko, McLean VA:

Eric sends a postcard noting that WTMW-14 went on regular schedule on August 3, sometime between 10am and 1pm. They run Home Shopping Spree 24 hours, with ID about 3mins. before the hour. The signal is

strong at his location but (luckily!) doesn't splatter over onto any other channels.

Pete Taylor, San Francisco CA:

I stand corrected (again).... Pete points out that the item about KMOD-97.5/KOKI-23 Tulsa, reported in August VUD, is not, in fact, new; it's what's called a "P.I.", or Per Inquiry, commercial-- I'm told that the ubiquitous "Hooked On Phonics" ads are also P.I.s. (Is this new to TV though? Or have there been P.I.s on TV for years too?)

Ken Romstadt, Ottawa Lake MI:

Ken sends an item from the Toledo Blade reporting that Channel 21 in Fremont, Ohio (an LPTV, but my database doesn't list one) has purchased a tower from Sandusky County. The 200' tower was built by a now-defunct emergency medical service, and was sold by the county for \$8,200 and the rights to have "...a 911 signal booster will be placed on top of the tower to clarify signals to police and fire agencies in the county". Presumably, that means an antenna for police & fire two-way repeaters.

Ken also writes that the Blade mentioned WXAE-40, but no signon data was given.

And now for Forum Canada...

Dave Sinclair, Vancouver BC:

Dave sent along two Vancouver-area items. The first, from the July 25 Burnaby News, notes an epidemic of vandalism which seems to have struck Rogers Cable in the wake of a lockout of union technical workers.

While the IBEW union claims no connection, cable lines in telephone manholes have been cut, leaving adjacent telephone cables untouched, and cable line amplifiers have been removed.

The union says it was locked out after refusing to accept a 25% wage cut; it had offered a no-increase contract.

And, from the July 22 Vancouver Sun, a note that applications for dozens of new specialty cable channels have poured into the CRTC in the wake of changes in cable regulation.

Bill Hepburn, Brampton ON:

Bill has more info on the TVOntario rebroadcasters reported in the July VUD:

TVO English:

CICO-TV-95	ch. 48	Tobermory
CICO-TV-96	ch. 48	Hawkesbury
CICE-TV-11	ch. 42	Parry Sound
CICE-TV-18	ch. 28	Pembroke

La Chaine Francaise:

CHLF-TV-1	ch. 25	Sudbury
CHLF-TV-2	ch. 39	Hawkesbury
CHLF-TV-13	ch. 17	Pembroke

NASHVILLE '93

Thanks to everyone who made this convention successful! I don't think anyone regretted coming, and I sure know I had a good time putting faces to all the names I've read in the VUD, (and several new ones!) The early Sunday Texas opening was a blast too!

Special thanks go to Jim Dietrich for providing antennas, baluns, feedline, preamps, and rotors (too bad Jim didn't bring a bigger car-- he could have sold his FM antenna 3-4 times!); and to Tom Yingling for the use of his TV and Icom R-7000 on the UHF DX station. (I WANT a R-7000!)

Also to Tom Bryant (who really did most of the work!). And to the broadcasters of metro Nashville (who came through in style for the "goodies bags"). And finally, to the Days Inn Central, which provided an excellent room, a great banquet, and bent over backwards to help us in other ways. Should we ever go crazy and agree to host a convention again, it'll definitely be in the same place!

Seriously, while hosting a convention was a fair amount of work, it's also a lot of fun. I strongly encourage anyone considering bidding on the 1994 convention to do so. I would suggest that it's a pretty big job for one person; you should try to find an assistant in your area. Go for it!

DX ETC.

A little scatter. Local W271AB was off for a couple of days in mid-August but only semi-local WDRM-102.1 was logged. But after the convention & the July openings, it was time for a breather!

73 Doug



George W. Jensen
4604 Antrim Avenue
Baltimore, MD 21208-4220

Another bunch of changes and something different from Brian Webb in California.

Brian had monitored some items from military satellites. On 262.200 some traffic noted from Geosynchronous military satellite at about 95 W. He was using an FM narrow mode with a Radio Shack PRO-2006 receiver off a homebrew 12 element UHF Satellite Quad. Any items of this nature are always appreciated...please send them in.

The trees have been removed by my neighbor and some surprises were there. I now receive all European C-Band birds up to 6 West.

Telecom 2A at 8W

2V - France occasional in PAL and SECAM

4V - France occasional in PAL and SECAM with some program from various networks - M6 - Metropole TV noted.

5V - RFO the service to colonies and overseas states noted in SECAM with many program feeds including Loveboat dubbed in French

All of the above with a good grade B signal.
Statsionar 11 - 11 W (former Gorizont)

6 - EBU (European Broadcasting Union) Moscow permanent feed in PAL and SECAM - good Grade B signal

Statsionar 4 - 14 West

6 - Cubavision in evenings with fair to poor (grade C) signal in NTSC. Seems to be weaker than 11 with greater bounce.

Intelsat at 18 and 21W have poor video at 23/24 XPDR. The 21 West is almost useless at this time. Intelsat K at 21 West is a Ku powerhouse, but all signals are encrypted. Intelsat at 24 is good, but video is poor again at 23/24 XPDR.

Changes in US sats. =

Galaxy 7 -

2 - CBS encrypted

19 CBS

14 - Family Network

ABC mostly now on T302 at 85 W - XPDR's 4, 8, 10, 11 & 19
ABC West on G3 - 19

CBS has migrated mostly to the new G4 on XPDR'S 16 thru 21. Delete the SportsChannel on Satcom 2 XPDR 17
Gala Americana testing 12 hour program on TDRS 4 41 West transponder 11 in PAL.

Be aware that Galaxy 6 is now Galaxy 4

Many changes on Morelos birds.

Delete all video except XPDR 14. others are currently used for feeds.

On Morelos 2 - Add-

XPDR 10 - XHIMT - with ID's as Canal 22

16 - Senal de Prueba from 21 in the clear so far

18 - Educational feeds

24 - XHDF - Channel 13 -

That's all for now. See you in 30.

Doug

Eastern TV-DX

September 1993

TOM BRYANT - 849 1000 PREIS DRIVE - NASHVILLE, TN 37221 - 615-546-2000 - (CUT)

EQUIPMENT: VHF & FM: Antennacraft CS-1000 @ 20'; UHF: Antennacraft P-5 parabolic w/Antennacraft preamp @ 25'; RG-6 coax on both; Archer rotor; Emerson VCR (model 754); Portland 13" color receiver. New loggings underlined. Relogs noted only when there.

July 1993

4 Tr 0650	<u>WGBQ</u>	IL 407	4 Tr 0630	<u>WLFI</u>	1B IN 301	9 Tr 2325	<u>WCHS</u>	8 WV 319
0659	<u>WBHS</u>	60 IL 405	0630	<u>MUNS</u>	62 IN 384	23-24-25	(SEE NOTES)	
0659	<u>WBOK</u>	65 IN 195	6 Es	1859	KENW	3 NM 983	26 Tr (SEE NOTES)	

[rel-Terra Haute]

NOTES: Lousy month for Es with only one stn ID'd..pretty terrible Es summer for that matter (but I did snag two new ones in June). The convention catches left me in a bit of a predicament. I would have liked to have counted ALL the stuff they got while I was present in the room, but decided that wasn't really fair...so I opted to add only three stns to my home log (less than 25 miles from convention site): KONTV 9 OK 594; WFAA 8 621 TX; and KTEM 10 OK 556. My reasoning was that I was operating the receiver at the time these were logged (7/25 between 0400 and 0530); it was the tv set from my shack; and I was only casually observing the UHF catches being sniped by Bob Seybold. At any rate I managed to get one new state out of the "DX Shootout". 7/26 saw a big evening Tr opening from NW thru NNE..all relogs..Pecoria, Indy, Springfield (IL), Lexington (KY), Dayton, etc. all s/f or near s/f. Finally, thanks to everyone who came to the convention as well as a couple of members who called to wish us well. It was really a lot of fun; and although hosting precluded some of the more leisurely socializing and gabbing, it was still a blast. There's a detailed report elsewhere in this issue. Hey...I'm already looking forward to next year! 73's and goodking. — Tom

Joseph Fela, 150 Robert Place, Bo, Plainfield, N.J. 07080

August 1993

3 tr 0845	<u>WLTX-19</u>	SC (550)	August 1993	4 tr 0850	Springfield, Mass. U's
WOLO-25	SC			5 tr 0900	WUNG-58 NC
WRLK-35	SC			2100	Boston U's snowfree

"Some nice early morning humidity ducting that develops out of nowhere, comes bombing in strong, then fades out completely in less than an hour."

Stephen West, 26 Dougherty Blvd. G-8, Glen Mills, PA 19342-1140 N3FYO

Equipment: Winegard PA-4975 UHF amp., 8-Bay UHF antenna indoors at 400' ASL.

July 1993

16 tr 0835 WSEE-35 PA (300) (t)

August 1993

4 tr 0900 WRLK-35 SC

August 1993

2 tr 0830 WNSC-30 SC (440)

WCTP-36 SC (t) (tone)

WRLK-35 SC (480)

WFCT-62 NC (370)

4 tr 0830 WCBB-18 NC (420)

WZKX-65 VA (180)

WUNM-19 NC (320)

8 tr 2300 WUNM-19 NC (320)

WLFT-22 NC (320)

WHMC-23 SC (430)

WTAT-24 SC (t)

2030 WUNM-19 NC

WNSC-30 SC (440)

11 tr 2100 Boston U's

W34AX-34 NC

WUNM-19 NC

Skip has skipped town but tropo has taken over. There has been a lot of Virginia and Connecticut tropo which I don't report. WPDE-15 in South Carolina has been seen on the Ch. 25 Xltr. of WHRO-15. I probably had Ch. 5 in Boston one night but I missed the ID, they mentioned NewCenter 5 News. Ch. 14 in Arlington, VA is on now. They have Home Shopping but it is different than Ch. 24 in Baltimore, but no better. They have a red house in the corner instead of blue. It is interesting to note that Joe Fela had ducting to South Carolina on mornings I didn't, and vice versa.

Eastern TV-DX

Dave Nieman - 12284 Nice Road - Akron, New York 14001-9529

Equipment: RCA 19" b&w TV with Teknika 6510 tuner, Channel Master 3617B VHF antenna on a CDE rotator at 23' AGL (813' ASL). Channel Master 4251 (7' dish) UHF antenna into a Blonder-Tongue CMA-Ub preamp on a crankup tower at 30' AGL (820' ASL) with Alliance HD-73 rotator. Using RG-11 coax feed for both antenna. New loggings are underlined. New calls [KKKK].

1 Es 1339	<u>WEDU-3</u>	FL 1065	6 Es 1130	<u>KLNE-3</u>	NE 1091	10 Es 1139	<u>KBME-3</u>	ND 1143
1400	<u>WCPX-6</u>	FL 1002	1258	<u>KOTA-3</u>	SD 1235	20 Es 0000	C227-3	SK 7777
			1328	<u>WLBT-3</u>	MS 983			(see Note #1)

NOTES:

#1 Call slide for CKOS-5 Yorkton Saskatchewan.
Skip season has come to a quick end and no sign of any long haul tropo. Dave

Dave Nieman - Mo Sta Oeh Road - Rock City, New York

Equipment: Harvard 13" color receiver/monitor, Channel Master 3617B VHF antenna at 15' AGL (2405' ASL) on a Radio Shack rotator, RG-6 coax feed into Winegard FT-7600 FM trap and DA-205 distribution amp. Antennacraft P-7 (7' dish) UHF antenna into a DX Tele Lab EU-45 preamp or 25' ASL (2415' ASL) on a Alliance U-110 rotator, RG-11 coax feed. New loggings are underlined. New call [KKKK].

July 1993	4 Tr 0729	<u>WMHT-12</u> NY 232	5 Tr 0411	<u>WROT-45</u> OH 341	July 1993	30 Es 1900	<u>WEDU-3</u>	FL 1002
		(see Note #1)		(see Note #2)		August 1993		
	0830	<u>WCDC-19</u> MA 274	0438	<u>WLQ-35</u> OH 306		0830	<u>CB1FT14-32</u> ON 186	
				(see Note #3)		0900	<u>CHOT-40</u> PQ 274	
						0700	<u>WLY-46</u> WV 212	(see Note #4)

NOTES:

#1 Over WNET Buffalo, NY
#2 Running 3/4 modified color bars with ID on it.
#3 Running 3/4 color bars with ID on it.
#4 Running 3/4 color bars with no ID on it. Sign-on at 09:00. Been some short haul tropo on the weekends. July 30th I mistook the CC on the low band as tropo. It turned out to be E-skip to Florida; but I missed some IDs. Dave

Eric Voytko 1721 Dalewood Place, McLean, VA 22101

703-356-9663

Equipment: All loggings from Pickett Rd, Fairfax, VA; Sony KV-8AD11 TV, Archer U-120 Winegard CP-4800 amp at 25 ft.

July 1993	9 Tr 0730	<u>W52AX</u>	MD 40	12 Tr 0730	<u>WTJC-26</u> OH t	15 TS 0605	<u>WTJC-26</u> OH t
	0830	NC 260	(Leonardtown MSTV)		(note #2)		
	WNUF-36	NC 190	WQFT-27 VA 150		26 Tr 0715	<u>WYIT-30</u> CT 290	
	WNUF-39	NC 320	WTWZ-33 VA 150		0730	<u>WYDO-14</u> NC 250	
	W36BB	NC 240	WHRO-15 VA 150		WNUF-19	NC 260	
	(Raleigh TBN)		WYDQ-14 NC 250		W41AC	VA 110	
	WNUF-19	NC 260	WYD-17 NC 240		(Onancock WAVY-10)		
	WYD-14	NC 250	W34AX NC 190		W44AD	VA 110	
	WYED-17	NC 240	(Henderson CHA)		(Onancock WTKR-3)		
	WNUF-25	NC 230	WNUF-36 NC 190		W56CS	VA 150	
	WRDC-28	NC 240	WNUF-39 NC 320		W56AL	VA 110	
	W437	VA 150	WQFT-40 NC 260		(Onancock WVEC-13)		
	(Va. Beach HSC)		W437 VA 150		W25AA	VA 110	
	W58CD	NC t	W58CS VA 150		(Onancock WHO-15)		
	(note #1)		(Portsmouth HSS)		WNUK-25	NC 230	

Note #1-Received this one several times with HSS while Raleigh was in good, but no ID. I know W58CD is licensed to Raleigh, but don't know if they run HSS.

Note #2-Brought in the R-7000 this day and had no tropo, but some interesting scatter. This station was 26+, definitely HSC (not Spruce) and due west. Could be WTJC or K26CR-WO; although I doubt it's the latter, either one is rare path under and conditions.

STATION NOTES: WRDC-28 Durham non-ID's as "Tri-28" (Raleigh, Durham, Chapel Hill)
WFTY-50 D.C. runs Valumvision at night

COMMENTS: Lots of new LPNTV's from the big hill in Fairfax. North Carolina openings are much better here than at McLean, even though the dish is there. The U-120 is a poor performer by comparison, though; northern stations are impossible (WTJC could only be received off back) and the nulls are few. I would like to install a dish here, though it would have to be a retractable installation as this area is known locally as 'tornado alley'. -E.V.

Eastern TV-DX

September 1993

Jeff Wolf, 1131 University Blvd., Apt. 701, Silver Spring, MD 20902

Equipment: Dayton 12" B&W TV, Sears AM/FM/TV radio, Radio Shack 15-1104 VHF/UHF amp (only used for UHF), 4 bay UHF antenna, twin bow tie UHF antenna (both Radio Shack), Radio Shack 15-235 rabbit ears (used for VHF) and also using the buildings VHF antenna for channels 2,3,4,5,6,9,10,11 and 13 (antenna is pointed northeast).

July 1993

1 Es 1927 WPBT-2 FL (900)	12 tr 0700 WYDO-14 NC (750)
3 Es 1015 CUBA-3 (t)	15 Es 1904 KGAN-2 IA
1342 KATC-3 LA (t)	24 Es 1207 UNID-3
1515 (M.U.F. 92.9)	tr 1529 WQEX-16 PA (186)
1530 KFDK-3 TX (1225)	25 tr 0102 WPIX-11 NY
2240 UNID-2 (NBC)	WCBS-2 NY
4 Es 1115 CUBA-2 (t)	Es 1518 UNID-3 (ABC)
5 tr 0858 WYDO-14 NC (250)	1529 WQEX-16 PA
6 Es 1900 WPBT-2 FL (900)	1804 WBRZ-2 LA (950)
8 tr 0750 WRDC-28 NC (248)	tr 2100 HSN on ch. 43 VA

July 1993

12 tr 0700 WYDO-14 NC (750)	
15 Es 1904 KGAN-2 IA	
24 Es 1207 UNID-3	
tr 1529 WQEX-16 PA (186)	
25 tr 0102 WPIX-11 NY	
WCBS-2 NY	
Es 1518 UNID-3 (ABC)	
1529 WQEX-16 PA	
1804 WBRZ-2 LA (950)	
tr 2100 HSN on ch. 43 VA	

Frank Wheeler, 8533 Wattsburg Road, Erie, PA 16509

Equipment: Crosley Color TV (1992), Archer VU160 antenna

June 1993

23 Es 1055 WPBT-2 FL (1112)	30 tr 0725 WCMU-14 MI (254)
24 Es 1900 WPBT-2 FL	0930 CFMT-47 ON (115)
1927 WWL-4 LA (1002)	
25 Es 1100 WPBT-2 FL	1 Es 1303 WEDU-3 FL (988)
1130 WTJV-4 FL	1330 WPBT-2 FL
1228 WEDU-3 FL (988)	WUFT-5 FL (862)
1230 WWL-4 LA (1002)	WTJV-4 FL (1112)
1301 WBRZ-2 LA (1016)	2000 WESH-2 FL (908)
28 Es 1055 WPBT-2 FL	3 Es 1057 WPBT-2 FL
1159 WEDU-3 FL	1327 WBRZ-2 LA
1300 WTJV-4 FL	1330 WEDU-3 FL
2200 KPRC-2 TX (1212)	1530 KPRC-2 TX (1212)

June 1993

30 tr 0725 WCMU-14 MI (254)	
0930 CFMT-47 ON (115)	
1 Es 1303 WEDU-3 FL (988)	
1330 WPBT-2 FL	
WUFT-5 FL (862)	
WTJV-4 FL (1112)	
2000 WESH-2 FL (908)	
3 Es 1057 WPBT-2 FL	
1327 WBRZ-2 LA	
1330 WEDU-3 FL	
1530 KPRC-2 TX (1212)	

Sorry I didn't receive your report of May 13th (unlucky even on a Thursday I guess) so I will print it if you can send it again. sw

Keith R. Short, 3515 Medina Avenue, Columbus, Ohio 43224

Equipment: 1978 Sears 19" Color TV, Archer Color Supreme 200 amplified indoor antenna, Archer double bow tie UHF antenna, Sears 26" Color TV (1987) with an Archer Supreme amplified TV/FM antenna.

June 1993

3 tr 0145 WTSF-61 KY (129)	10 tr 2335 WTRF-7 WV (126) *
18 tr 2330 WKIX-19 KY (111)	2345 WPTT-22 PA
WOUB-20 OH	11 tr 0040 WPTD-16 OH
WUPW-36 OH (144)	WKEF-22 OH
28 Es 1355 WPBT-2 FL (1261)	WRGT-45 OH
30 tr 0127 WMFD-5B OH	0055 WAKC-23 OH (126)
7 tr 1255 WTWO-2 IN (249)	0105 WLIO-35 OH
10 tr 2100 WBOY-12 WV (180)	*mentioned Tri-State area
2140 WSTR-64 OH (111)	

July 1993

10 tr 2335 WTRF-7 WV (126) *	
2345 WPTT-22 PA	
11 tr 0040 WPTD-16 OH	
WKEF-22 OH	
WRGT-45 OH	
0055 WAKC-23 OH (126)	
0105 WLIO-35 OH	
*mentioned Tri-State area	

Thanks for the report and the WPBT-2 reception verification, it's good to hear from new reporters (and the regulars)! sw

Channel 7 in Philadelphia

8:00	9:00	9:30	10:00	10:30	11:00	11:30
R.J. and Co., Radio on TV	Psychic Advice Line 22015	Astrology/Numerology	All Night Psychic Line 83763			

Eastern TV-DX

John F. Combs NASFS, POB 721027, Orlando FL 32872

JUNE 1993

3 Tr 0726 KADN-15 LA 667	9 Tr 0636 Wilmington U's	JULY 1993
0727 KETH-14 TX 858	0636 WPDE-15 SC 421	5 Es 1729 KTVO-3 MU 1011
0727 KIVI-26 TX 857	0636 WKTF-40 NC 502	1753 WUV-4 MI 970
0727 KTMG-48 TX 841	0636 WFCT-62 NC 459	1757 KIMT-3 IA 1154
0727 KHSH-67 TX 858	0641 WDNP-38 NC 574	1907 KMTV-3 NE 1210
0727 KHTV-39 TX 858	0651 WJZY-46 NC 473	1918 KDFW-6 TX 971
0727 KTX-39 TX 970	0654 WCNC-38 NC 408	1927 KFDX-3 TX 1081
0728 KXAN-36 TX 997	0705 Had to leave...	1933 KOCO-5 OK 1062
0730 KBVO-42 TX 997	2038 Florence 13, 15	2029 KENS-5 TX 1023
0731 KXLN-45 TX 858	2038 Wilmington U's	Tr 2040 Mobile-Pensy U's
0731 KMCN-46 TX 991	2038 Many other SC U's	+ WKRG-5 AL 419
0731 KHSX-49 TX 970	2214 W44AK SC 310	Es 2047 KXAS-5 TX 971
0739 KVDA-60 TX 1023	Charleston (TBN)	9 Es 1212 KBTX-3 TX 893
0757 KITU-34 TX 765	2217 KTC-35 SC 320	1221 KDFW-4 TX 971
0800 KDAF-33 TX 970	W4BBH GA	1230 KPRC-2 TX 858
0806 KUDX-58 TX 970	Statesboro	1241 KXAS-5 TX 971
0852 KTFH-49 TX	(see note #1)	1249 KTAT-5 TX 1262
0906 KVHP-29 LA 746	10 Tr 0446 W4BBH	1259 KMOL-4 TX 1023
Es 0907 WFSB-3 CT 1032	11 Tr 0011 WLFL-22 NC 518	11 Es 1554 KPRC-2 TX 858
0907 WSTM-3 NY 1037	0011 WPFT-28 NC 521	1550 KIII-3 TX 991
0913 KFOR-4 OK 1062	12 Es 1555 WDIV-4 MI 970	1600 KJAC-4 TX 770
0920 KFDX-3 TX 1081	1558 WSTM-3 NY 1037	1637 KEMS-5 TX 1023
0924 KTBS-3 LA 802	1604 WFRV-5 WI 1158	1643 KMOL-4 TX 1023
0940 KFSM-5 AR 902	1633 WNEM-5 MI 1042	12 Es 1804 XHTV-4 DB 1283
0958 KCTV-5 MO 1051	1659 WPXS-3 PA 885	1815 XHGC-5 ? DF T
1050 Had to leave...	1810 CKVR-3 ON 1097	(Tiny Toons)
Tr 2208 KWCT-39 LA 692	2114 KTV-4 IA 1279	14 Es 1304 KGBT-4 TX 1022
2208 KARD-14 LA 692	2050 KNOV-4 MO 863	(Log now at 474 stations)
2211 WDAU-34 AL 368	2138 WDAF-4 ? MO T	
2213 WMCF-45 AL 396	2138 KCTV-5 ? MO T	
2213 WGNX-46 GA 408	17 Tr 0515 Macon U's 323	Note #1: Slide that reads:
2213 KHSX-49 TX 970	0518 Atlanta U's 408	"WGA-TV 48 Statesboro,
2218 WACH-57 SC 383	18 Tr 0040 SC 19, 24, 25	Ga. welcomes you to our
2214 KHSX-67 TX 858	0500 Macon U's 323	viewing area... we begin
2222 WAHQ-26 AL 399	0500 Atlanta U's 408	daily programming in July"
2222 WIIQ-41 AL 472	0500 WTLK-14 GA 458	Note #2: Calla seen thru
2222 WEIQ-42 AL 422	0505 WJZY-46 NC 473	KIII-3 --- I strongly
2239 KLTX-39 TX 970	Es 1930 WTVH-5 NY 1038	suspect this to be the
2239 KDAF-33 TX 970	2025 KCTV-5 MO 1051	source of the unid full
2242 WWSN-66 AL 369	2056 WMAG-5 IL 990	CB often seen on 3 when
2303 WOLO-25 SC 384	19 Es 0945 unids 2, 3, 4	south TX in on Es.
2349 WJFM-33 SC 404	21 Es 1205 WAF-4 PR 1198	Note #3: First time I've
2353 WMGM-42 AL 473	1205 WIPM-3 PR 1150	EVER been able to 10
4 Tr 0000 KMSS-33 LA 802	1207 WRAQ-2 PR 1198	this one in 20 years!
ID came out of	1207 WORA-5 PR 1149	June started out with a
nowhere then gone)	24 Es 1816 CFMC-4 PQ 1373	bang with the first Gulf
0005 WJSP-28 GA 361	1845 WBZ-4 MA 1106	tropo ever seen by me in
0008 WCAJ-68 AL 474	1850 WFSB-3 CT 1032	June. (Last year's July
0440 KLRT-16 AR 786	1900 WAB-5 ME 1303	Gulf tropo was also a
0442 WLFL-22 NC 518	1124 KRCV-5 TX 996	first!) There was also
0442 WMBC-30 MS 512	1124 KGBT-4 TX 1022	some pretty fine Atlantic
0510 WGCT-48 NC 515	1141 KIII-3 TX 991	coastal tropo later in
+ many of the same	1142 XHGP-3 CL	the month. The summer Es
sins as last night	(see note #2)	season wasn't too bad..
5 Tr 2100 WFGC-61 FL	1156 KMOL-4 TX 1023	I've seen much worse. I
Palm Beach	1220 KENS-5 TX 1023	confess that this year my
6 Tr 0658 WSRE-23 FL 380	JULY 1993	attentions have centered
0658 WPMI-15 AL 407	2 Es 1149 KIII-3 TX 991	on MU whenever the MU
0658 WHBR-33 (AL) 407	1258 KFOR-4 OK 1062	topped 88 mhz, so there
2248 Mobile 9, 15, 42	1430 KTAT-5 TX 1262	have been big swatches of
2248 Pensacola 23, 44	(see note #3)	skip openings where I
7 Tr 0736 Mobile-Pensy U's	3 Es 1124 WCC-4 ? MN T	have all but ignored TV.
0737 WDAU-34 AL 368	1229 KTVO-3 MO 1011	I know that's blasphemy
0738 WGNX-46 GA 408	1259 WOI-5 IA 1148	to you TV-only types, but
0800 WAPT-16 MS 599	1414 WNEM-5 MI 1042	I've almost reached the
0805 MDDB-40 MS 594	1605 WFRV-5 WI 1158	single-hop saturation
0815 WXXV-25 MS 490	1726 WHBF-4 IL 1037	point on TV skip, at
Es 1129 KTVY-3 MO 900	1746 KXAS-5 TX 971	least on channels 2-5
1149 KMOL-4 TX 1023	1900 KMOL-4 TX 1023	(WCPX-6 is a formidable
1153 KPRC-2 TX 858	1900 KJAC-4 TX 770	local to deal with...) I
1159 KIII-3 full CB	1911 KATC-3 LA 673	DID log a new state (ME)
1224 KIII-3 TX 991	1912 KIII-3 TX 991	and finally logged KTV-5
1229 KENS-5 TX 1023	1914 KGBT-4 TX 1022	after years of trying, I
2302 WJKA-26 NC 429	1917 KPRC-2 TX 858	would often note PBS on 5
2302 WUNJ-39 NC 429	0007 WPAE-15 SC 421	during TX openings over
2302 WCNC-36 NC 467	0007 WTAT-24 SC 320	the years, but until this
2332 WLTX-19 SC 387	0007 WJKA-26 NC 429	summer could NEVER get an
2337 WTVI-42 NC 464	0007 WJUN-39 NC 429	ID on them! New WFGC-61
2338 WUNG-58 NC 467	1348 KGBT-4 TX 1022	is religious and seems to
2338 WRJA-27 SC 376	1426 KRGV-5 TX 996	be affiliated with WCLF-22
2344 WIS-10 SC 389	1427 KIII-3 TX 991	et.al., though not always
8 Tr 2030 Wilmington U's	1715 WMAG-5 IL 990	in // Alas, we will soon
2030 SC 15, 19, 27, 33	1720 WTMJ-4 WI 1010	enter that no-man's land
2051 WYDO-14 NC 532		between summer skip and
		fall tropo! 73, JOHN.

WESTERN TV-DX

September 1993

It looks like July was a good month for TV-DX. The column has swelled to 12 pages of loggings and commentary (although a significant portion of the column is dedicated to old loggings). E skip was reported by someone on every date in July with the exception of 20, 22, 28, and 31. One hot E skip date was the 14th when Mike Cherry found 6 meters open to "just about every part of the US and southern Canada all at once." Long haul UHF was noted from Illinois to Texas by Robert Delaney on the 25th and 26th and from Baton Rouge to Nuevo Leon by Jeff Kruszka on the same dates. And there was lots more!

The column is being printed on a crippled printer this month. I don't know yet what has happened, but the result is that the bottom row of each character is not printed. This affects the frequently used underline as well as the lower case letters g, p, q, and v. I can't do much about those letters, but this month I am attempting to use bold print to indicate new loggings instead of the traditional underline. I hope it is obvious in the final production.

New	New Mode	Tent. - t	Unidentified	unid	S/On - +	S/off - =
ID Color Bars - #	Jnid Color Bars %		Misc. Test Patterns - &			
Parallel Programming //			MTS Stereo \$			

THIS MONTH, NEW LOGGINGS ARE SHOWN IN BOLD PRINT INSTEAD OF BEING UNDERLINED

Marvin Shultz, RR #1, Toulon IL 61483

CDT

June 1993	9 Es 2100	KENW	3 NM	916	18 Es 1930	WUFT	5 FL	890
2 Es 1928 XEPM 2 CH 1125	KMIO	2 TX	926	21 Es 1859	WCBS	2 NY	825	
unid channel 3	2156	KPRC	2 TX	855		WGBH	2 MA	960
1930 KPRC 2 TX 855	2240	KJTV	2 UT	1160	2000	WLBZ	2 ME	1095
KVBC 3 NV	11 Es 0628	WUND	2 NO	810				
2202 KASA 2 NM 970	12 Es 1430	WESH	2 FL	985	July 1993			
KTVK 3 AZ 1330	1458	WPBT	2 FL	1180	1 Es 1930	KWGN	2 CO	810
2214 KPHO 5 AZ	13 Es 1336	KRTV	3 MT	1140	1934	KASA	2 NM	970
5 Es 1612 CKCW 2 NB 1290	1338	CKKX	2 AB	1345	2000	KENW	3 NM	915
CKLT 3 NB 1220	1340	KTVQ	2 MT	985	3 tr 0553	KELO	11 SD	380
8 Es 1930 XEFE 2 TA 1085	16 Es 2159	XEPM	2 CH		Ea 1430	WEUO	3 FL	1010
1959 KPRC 2 TX 855	17 Es 1759	KUTV	2 UT	1160		WPBT	2 FL	1180
2000 KMID 2 TX 925	1800	WSL	5 UT	1165	6 Es 1959	XEPM	2 CH	1126
9 Es 1650 unid channel 2	2100	unid ch 2 Mexico				unid ch 2 Spanish		
1656 unid ch 3 PBS	18 Es 1859	WPBT	2 FL	1180	9 Es 1957	KWGN	2 CO	810
1948 ICR 2 Cuba								
2030 XEJ 5 CH 1125	1800	WESH	2 FL	965				
2100 XEPM 2 CH 1125	1929	WTJV	4 FL	1180				

Jeff Kruszka 7706 M N Jefferson Place Cir Baton Rouge LA 70809 504 923-0196) CDT

Equipment.

1992 Zenith "Sentry Z" 13" color TV (Mode #S1318S), UHF: RDX Labs JA 900 preamp, Channel Master 422BA 8-bay @30 ft. VHF: Rabbit ears + quad loops for chs. 3 and 5. Mitsubshi HS-L31 VCR

July 1993	3 tr 0638	KLDT	55 TX	380	5 tr 0752	KVDA	60 TX	445
1 Es 1720 unids 4,5	0851 @KXXV	25 TX	360	Es 1152	unid SS	3,4		
1805 KXJB 4 ND 1130	0652 KBVO	42 TX	395	1708 WWAY	3 NC	810		
1808 KDLO 3 SD 1025	0664 @KFWD	52 TX	395	1712 WECT	5 NC	805		
1828 KDLH 3 MN 1080	(o/local K52CQ)			1716 WUNC	4 NC	790		
2 Es 1459 unids 3,4	0703 KXAN	36 TX	395	1728 WRAL	5 NC	810		
3 tr 0531 @KLRT 16 AR 305	0905 KVDA	60 TX	445	1924 unid 3 Spanish				
0541 KABB 29 TX 445	Es 1450	unids 3-6		2126 unid 6				
0554 KLTX 7 TX 280	(No time)			6 Es 1701	unid CBs 3!			
0559 KQTX 39 TX 365	2140 KDBC	4 TX	910	1714 unids 4,5				
0600 KDFI 27 TX 365	2158 KOB	4 NM	956	1743 WRC	4 DC	985		
0606 unid 27 TBN to n	5 tr 0745	WMAY	18 MS	1800 KWY	3 PA	1120		
0610 KTXA 21 TX 395	(WMAJ-17)			2328 W58BO	58 MS	80		
KHSX 49 TX 375	0752 KXAN	36 TX	395	(Natchez TBN)				
0622 @KHCE 23 TX 446	KRRT	36 TX	475	2330 unid 27 TBN				

Fred McCormack
PO Box 65666
St. Paul MN 55165-0666

(612) 735-6860

Deadline: 10-07-93
Cut-off: 07 01-93

Western TV-DX

September 1993

Jeff Kruszka (continued)

12 Es 1738	unid 3 wk brief	24 Es 1845	XHTV	4 DF	925	26 tr 0110	K17BY	17 TX	445				
15 Es 2200	unid 3 vy brief	tr 2200	KLRJ	18 TX	395		(San Antonio	GLA)					
18 Es 1140	unids 3,4	2230	KMBH	60 TX	495	0116	KNVO	48 TX	625				
23 tr 0601	KUVN	23 TX	365	25 tr 0056	KTXA	21 TX	395	0133	LXHMNL	28 NL	650		
		2324	KRRT	35 TX	475		(2 nights in a row!						
		2330	KNTC	46 TX	375	0124	KAVL	25 TX	370	0148	K22DP	22 TX	310
		2355	KDFI	27 TX	365	0136	KVEO	23 TX	500	0158	KXAM	14 TX	445
		2358	KTXA	21 TX	395	Es 1821	TBV	3 GL	1100	0206	K33CK	33 TX	445
		24 tr 0001	KCTF	34 TX	360	tr 2158	KEDT	16 TX	425	[San Antonio	TBN		
		0024	KVEO	23 TX	500	2300	K50AO	50 TX	425	K31AI	31 TX	265	
		0036	KLDO	27 TX	540		(Corpus Christi	VHN		(Huntsville	TBN)		
		0105	KWTK	10 TX	360	2322	KWXE	41 TX	445	0245	K168Y	16 TX	265
		0128 @KHCE	23 TX	445	2326	K47DF	47 TX	425	(Crockett	PTV			
		0130 -KORO	28 TX	425		(Corpus Christi	PTV)			0311	KLDT	55 TX	380
		0211 -KVLE	24 TX	395	26 tr 0000	KLDO	27 TX	640	0400-0600	1 hr sleep			
		0248 @KSAT	12 TX	445		(like a local)			0519 @KTVT	13 TX	540		
		0254 KTBC	7 TX	395	0018 KORO	28 TX	425	0555 +KTAB	32 TX	525			

E-skip improved somewhat this month, though the signal strengths were still weak most of the time. For some reason, N. Carolina has always come in super clear for skip. Traps on the 25th and 26th were excellent. I ended up pulling an all nighter on the 26th and calling in a 1/2 day of vacation at work

(Your TBN on channel 27 from the north could be K27EF at Monroe. This construction permit was granted on August 4, 1992 with an authorized ERP of 11.7 kW. I don't know if it is on. fm)

Mike Cherry, Box 531, Gananoque BC V0S 1E0 (604 537 5201)

PDT

Equipment: See August 1993 Western TV DX.

June 1993	29 Es 0700	\$KVBC	3 NV	986	14 Es 1000	KDUH	4 NE	1080					
20 Es 1159 CBWF	3 MB	1167	0743	KTVK	3 AZ	1223	1033	KDLO	3 SD	1245			
	1200	KXJB	4 ND	1207			1059	KOLH	3 MN	1452			
	1230	KBME	3 ND	1062	July 1993		1100	WCCO	4 MN	1445			
	1268	CFSS	3 SK	936	2 au 1850	heavy CCI chs2-4	1128	KSTP	5 MN	1445			
	1300	CBKMT	4 SK	792	4 Es 0929	KNAZ	2 AZ	1137					
	1334 \$K TWO	2 WY	928	0958	KTVK	3 AZ	1223	1130	XHBC	3 BN	1197		
	1359	KCWC	4 NV	833		(See Notes)		1200	\$KMTV	3 NE	1428		
	1428	KVBC	3 NV	986	5 Es 1914	KVBC	3 NV	986	1331	KREG	3 CO	1028	
	1444	KTVL	2 CA	789	10 Es 1900	KTVK	3 AZ	1223	1358	KCCZ	4 UT	940	
	21 Es 0900	KVBC	3 NV	986	13 Es 1834	KTV	4 IA	1376	1400	KVBC	3 NV	986	
	(0900 1112)				1900	KMT	3 IA	1536	1430	KTWO	2 WY	926	
	1759 \$KENW	3 NM	1245	14 Es 0856	KYTV	3 MO	1725	KCWC	4 WY	833			
	1800	KASA	2 NM	1245	0859	KCWC	4 NV	833	1458	KENW	3 NM	1467	
	22 Es 0935	1340	southern CA		0900	KXGN	5 MT	877	1500	KOB	4 NM	1280	
	MUF:3+	at work			0919	CITL	4 AB	662	1531	KTVS	3 CO	1150	
	25 Es 2057	4 KB	4 KS	1277	0930	CKVR	3 OB	2072	1600	KWGN	2 CO	1096	
	2100	KSWK	3 KS	1360		(New province !)			\$KCNC	4 CO	1096		
	28 Es 1120	KOTA	3 SD	0115	0931	CBKMT	4 ST	792	15 ms 0543	KOTI	2 OR	476	
	(1120-1230)				0948	KTVX	4 UT	794		(23 seconds)			
	29 ms 0523	KBCI	2 ID	499	1000 \$KLNE	3 NE	1311		0559	KSWK	3 KS	1350	

E skip season so far has had average number of hours duration, but above average long haul skip. I hesitate to call it "multi-hop" as this term only applies to SOME long haul E skip. This is demonstrated by some of the loggings that occurred on July 14 - so far the best of many good days here in the Pacific Northwest. Some of the long-haul E skip experienced on 50 MHz (8 meters) has been of the ducting variety with no signs of intermediate area open for DX.

My favorite theory for the great conditions of July 4-15 involves the presence of horrendous low pressure systems (the cause of the severe floods) in the midwest coupled with the high pressure heat-wave that gripped the east coast. This theory is based on Mel Wilson's excellent 2-part "Intense Sporadic E Propagation at Mid Latitudes" to be found in the book "Beyond Line of Sight" by Emil Pocock. The article includes some TV-DX data plus our club's address.

July 4 opening to the Phoenix area on TV occurred while I worked into Mexico City area on 6 meters. I could also hear Phoenix and San Diego operators taking to the Mexicans - the classic "double-hop."

Mike Cherry (continued)

July 14 - what a day! 8 meters was open to just about every part of the US and southern Canada all at once. Many times the hash on the TV screen was 4 or 5 stations deep with various audio on all 3 offsets on the Kenwood receiver. Here at my new QTH, I have less of a problem with overload from CHEK-6 on Saturna Is and Victoria, BC, and can see the real strong stuff. On 5, semi-local KING-5 is also a problem, but not with the antenna pointed due east and towards north. At 0940 when I saw a new station and province, 50 MHz was open to south central Ontario and New England as far south as Washington, DC.

No openings yet to Alaska on VHF. I'm also watching for signs of E skip on the Russian channel R1 (49.750) video frequencies. I checked FM with a set of rabbit ears during a few openings where the 50-65 MHz got shorter than 700 miles but only heard a brief 88 MHz signal from South Dakota in early June. I hope other members are getting some good skip conditions this summer. No complaints here except lack of E skip at FM and above. 73's Mike, VE7SKA

Christopher W Hanley, 1321 Beecher Avenue Galesburg IL 61401 2027

CDT

Equipment:

VHF antenna (unknown vintage) at approximately 30 feet. Tab stop Radio Shack JMF bow tie in the attic at approximately 15 feet. Kawasaki 13" color set.

Greetings from Galesburg. I haven't written in some time, largely because there hasn't been much to write about. My outside antenna got torn down for a room addition, and we haven't had the means to replace it yet. Consequently, my tropo DX is at a standstill; channels 12 and 30 from Milwaukee in March are all I have new to show for it this year so far.

E skip has been a little better when I could get to it. Here's what I've got:

June 1993	21 Es 1817 WSAZ 3 WY 484	3 Es 1205 WPBT 2 FL 1186
16 Es 1929 KRGV 5 TX 968	(See Note)	1400 WEDU 3 FL 1013
18 Es 1900 KIII 3 TX 1004	1832 WFSB 3 CT 910	1408 WESH 2 FL 973
KRGV 5 TX 968 July 1993		1428 WUFT 5 FL 895
1902 KPRC 2 TX 836	1 Es 1829 KBTX 3 TX 784	1432 WPTV 5 FL 1147

Note State number 27 and my shortest E skip ever!

Hope things are going well for everyone who reads this. God bless and 73's.

William Draeb, Ellis St., Rt. #2, Keweenaw WI 54216 (414-388-2360)

CDT

Equipment: See August 1993 Western TV DX.

July 1993	3 tr 0510 W40AN 41 MI 95	4 tr 0639 WTVW 2 IN 380
1 Es 1300 Jnids chs 2 & 3	(Escanaba W/WISN 12)	(Local WBAY off)
1530 KCNC 4 CO 965	(Normal WJK 11)	0703 WKGB 53 KY 510
1716 KBTX 3 TX 1065	Es 1420 WDIQ 2 AL 890	WRLF 46 KY 480
KDFW 4 TX 965	WEAR 3(AL) 955	W6BAAT 68 IL
KDTNE 2 TX	WKRG 6 AL 950	(Danville WAND-17)
1748 KRIS 6 TX 1280	1431 WTVY 4(FL) 940	0715 WUSI 16 IL 390
1818 KKAS 5 TX 365	1432 WCTV 5 AL	KMC 24 MO 450
1829 KENW 3 NM 1145	1500 WLBT 3 MS 860	KDNL 30 MO 420
1859 KAMR 4 TX 985	(ID "40 Years WLBT-3")	WHL 46(MO) 445
KLBY 4 KS 795	1505 WDSUT 8 LA	KMOT 4 MO
1900 KSWK 3 KS 840	1517 WBRZT 2 LA	1003 WKYU 24 KY
1903 KBSOT 6 KS	WNL 4 LA	WORB 41(IN) 430
1910 KFDK 3 TX 935	1527 WCTV 8 GA	WLKY 32(IN) 430
2000 KTXTE 5 TX	1535 left house	Es 2054 Jnids 2 3 south
2026 KACVE 2 TX	1700 WCBD 2 SC 900	5 Es 2154 Jnids channel 2+
KASAE 2 NM	1710 WCIYT 4 SC	6 tr 0540 KYOL 15 IA 345
KOB 4 NM	WWAYT 3 NC	WICD 15 IL 305
2105 all gone	1758 WECTT 6 NC	CBCE 16 ON 285
2 Es 1125 WNBC 4 NY	WFMYT 2 NC	Es 1305 KXL 4 MT 1210
tr 2022 Rockford 33,45,	4 tr 0607 WEVY 44(KY) 455	KRTV 3 MT 1155
62 and 68	WTWQ 36 KY 470	1313 CBCP3 3 SK 995
WNEO 45 OH 415	WLON 19 KY 485	1330 CFCQ1 3 SK 1085
3 tr 0446 CBLFT20 26 ON215	(See Note # 1)	1530 KENW 3 NM 1145
CICO19 19 ON 340	0632 WIE 14(KY) 455	KOTA 3 SD 780

Western TV DX

William Draeb continued

12 Es 2107 WEDJ 3 FL 1185	18 Es 1718 KATC 3 LA 1030
2110 WTVY 4(FL)	1805 KALD 5 A 964
2124 WDIQ 2 AL	WBZTC 2 4A
13 tr 0645 WNEO 45 OH 415	KJAC 4 TX 1050
1602 KWSEE 4 ND	WB9B 69 MI 195
1615 KAMP 4 TX 985	Cleveland Us
1645 KFDX 3 TX 935	(Snow free)
1659 CITL 4 AB 1185	14 Es 1207 WCBD 2 SC 900
1700 KWAB 4 TX 1125	WCIV 4 SC 900
(See Note # 2)	WBTY 3 NC 710
KMIDT 2 TX	1220 WBTY 3 NC
KACVE 2 TX	1232 WFYTC 2 NC
2000 KIII 3 TX 1285	1238 WESHC 2 FL
KBTXT 3 TX	1305 KOTA 3 SD 780
2115 KOTA 3 SD 780	(See Note # 5)
7 tr 0614 @KYU 16 IA 345	1328 KRTV 3 MT 1155
(FOX 15)	1829 WBRZ 2 LA 995
CICO20 20 ON 210	KRTV 3 MT 1155
CBLFT20 26 ON215	(See Note # 5)
1812 KFBAT 5 MI	1812 KFBAT 5 MI
1915 KYST 3 MT	1915 KYST 3 MT
KXLF 4 MT 1210	1925 KOUST 4 MT
1948 all done	1948 all done
15 tr 0515 W30AL 30 IL 200	15 tr 0515 W30AL 30 IL 200
1811 K-BY 4 KS 795	W54BK 64 IL 285
(KAKE 10 News)	(Blooming WWTG-35)
1830 KTBS 3 LA 880	Central IL-IN Us
WEDU 3 FL 1185	(Snow free)
1900 KOB 4 NM 1185	0540 unid ch 34 TBN
("News 4 New Mexico")	0544 W69B 68 MI 195
KNME 5 NM	W69BT 68 IN 200
1958 KWAB 4 TX 1125	(South Bend WCIJ-26)
2059 XEJ 5 CH 1350	W69AV 68 MI 96
(See Note # 9)	(Leeland WCMC 6)
KNME 5 NM 1185	W54BK 54 IN 205
KDBCT 4 TX	(Chesterton ANC)
2215 mostly gone	WCET 48 OH 400
10 tr 0515 @WKBW 27 OH 420	WKN 52 KY 430
W69B 68 MI 195	WSTR 64 OH 400
(Lansing WAPC-49)	(Star 64")
WAHC 23 OH 380	Es 1250 KRTV 3 MT 1155
2045 W40AK 40 MI 110	1725 WFMY 2 NC 715
Muskegon CHA)	WWAYT 3 NC
(See Note # 4)	1755 WCBO 2 SC 900
Other lower MI	WCIVT 4 SC
LPTVs snow free	1800 WBTY 3 NC 710
11 tr 0625 W30AL 30 IL 200	1945 W3B t 2 GA
(Piano CHA)	Jnid channel 2+
0656 WTVQ 36 KY 470	22 tr 0505 WFIE 14(KY) 455
Es 2015 KASAT 2 NM	2002 WESHC 2 FL
KOB t 4 NM	WJXT 4 FL 1030
unid channel 3	2016 KPRC 2 TX 1115
2036 KMIDT 2 TX	WBRZt 2 LA
12 Es 1628 KUTV 2 UT	2023 WMBT 2 MG
KIDK 3 ID 1245	Muncie TBN
KREXT 5 CO	2032 KDFW 4 TX
1658 KTVX 4 UT 1280	KXAST 5 TX
1700 KCWC 4 NY 1065	2046 (See Note # 7)
+ 1717 KXL 4 MT 1210	tr 2100 W54BK 54 IN 205
KSL t 5 UT	16 tr 2004 W18AT 18 IN 195
1810 KWSEE 4 ND	(Gary ANC)
(Valparaiso ANC)	W24AW 24 IN 205
CBCP2t 2 SK	1810 W54BK 54 IN 205
1829 CFCH 4 AB 1310	(See Note # 8)
CKKXT 2 AB	Other areas LPTVs
1835 KRTV 3 MT 1155	17 Es 1735 KPRC 2 TX 1115
left house	KBTXt 3 TX
2035 WESH 2 FL 1125	1745 unid channel 4
WJXT 4 FL	tr 2202 Iron Mtn Js 100
WUFT 5 FL	18 Es 1628 KPRC 2 TX 1115
2107 WRBL 3 GA 850	KJAC 4 TX 1050

September 1-33

September 1993

William Draeb (continued)	25 Es 1835	CFSS 3 SK 800	30 Es 1205	KXAS 5 TX 965
		CKCK 2 SK 880		KOET 3 OK 780
23 tr 0727	W66BD 66 IN 260 (Fort Wayne WINM-63)	1837 CFQC1 3 SK 1085	1230 KDFW 4 TX 965	
2012	WSEE 35 PA 410	1850 CFON1C 2 SK	1261 KENST 5 TX	
	WQLN 54 PA 410	1915 CJFBT 5 SK	tr 1715 WCOO 4 MN 280	
	KIET 24 PA	1920 Unid channel 6		(Stronger)
	WETG 66 PA	2050 all gone	Es 1825 WCWT 5 MA	
	WOAC 67 OH 395	26 Es 0710 WLBT 2 ME		HABIT 5 ME
2039	WSTR 54 OH 400	CKLTT 3 NB 976	1830 WBZ 4 MA 830	
	CBLNAT 64 OH	(Moncton + clk)	WGBH 2 MA 830	
	WCET 48 OH 400	0805 WCBHT 2 MA	WFSBT 3 CT	
	WKON 52 KY 430	Unids 2-3 south	WLBT 2 ME	
2100	WPBO 42 OH 455	tr 2134 WLKY 32(IN) 430	CKLTT 3 NB	
2158	WWAT 53 OH 405	WDRB 41(IN) 430	tr 2249 WCET 48 OH 400	
	(Snow free)	WTWQ 36 KY 470	WSTR 64 OH 400	
	WCVA 54 KY	WVPC 15(IN) 430	31 tr 0543 WAFF 48 AL 875	
2212	WKBK 27 OH 420	2143 WUSI 18 IL 390	WDRB 41(IN) 430	
	WYTV 33 OH 420	2146 WGRB 34 KY 615	0546 WAOAN 40 MI 95	
24 tr 0353	WFMJ 21 OH 420	2146 WFIE 14(KY) 486	0548 WTVQ 36 KY 470	(Escanaba W/WITW-11)
	(HSS)	27 tr 0540 WFEI 14(KY) 486	WBKV 27 KY 470	
Es 1110	WESHE 2 FL	WDRB 41(IN) 430	WBNGE 42 AL	
	WCBD 2 SC 900	0837 WHTN 39 TN 580	WAAY 31 AL	
	WHAFC 3 NC	2115 Lower MI LPTVs	WIXX 19(OH) 400	
	WBTV 3 NC 710	(Very strong)	WNNT 19 AL	
25 Es 730	WFSB 3 CT 760	WISAM 15 MI 130	WEVV 44(KY) 455	
1738	WGBH 2 MA 830	(Grand Rapids LPTV)	WIVF 14(KY) 455	
	WLBT 2 ME	(See Note # 9)	WEUX 48 WI 190	
1747	WNBC 4 NY 730	2157 WAOAN 40 MI 110	0614 WFMJ 14(KY) 455	
	KYW 2 3 PA	("40 News")	0628 WEUX 48 WI 190	
1748	WTKRC 3 VA	2210 Iron Mtn 100	0638 Unid ch 14 ssw	
1820	WCBST 2 NY	30 Es 1205 KDTN 2 TX 965	0641 WCET 48 OH 400	
	WBZ 2 MA	KBTX 3 TX 1065	0719 WUSI 18 IL 390	
1832	CFSK 4 SK 1015	KMOL 4 TX 1200		

Note # 1 Home Shopping Spree, Frazier Methodist Hour from 0700-0800.

Note # 2 "NEWS WEST 9" at 1800 (KTPX).

Note # 3 Local WFRV-5 off (a miracle?). A program promo in Spanish with the program schedule being shown. At 2100, news program with news from Oaxaca state

Note # 4 - "TV 40 Birthday Club" promo.

Note # 5 - "KOTA Territory" in lower right corner of screen during local news show.

Note # 6 - "KRTV-3" in lower right corner of screen during local news show

Note # 7 - (2046 2048) A quackie (bird) sat on my antenna and detuned it. I was watching E skip on channel 2 and it suddenly disappeared when the bird sat on one of the long active elements. The DX returned when the bird left. (I included this only because it is my first quackie report! fm)

Note # 8 News from WSBT-22 at 2216.

Note # 9 Home Entertainment Network" carrying an episode of the "Real McCos" 1980.

Frank Merrill P.O. Box 569 Macomb IL 61455 309 833 2661 CDT

Equipment

ICOM R-7000 VHF UHF receiver with video adapter and Zenith L1310C9 13 inch, VHF-UHF (winegard 8100?) wth Winegard PA 4975 preamp fier, RG-11, at 40°.

May 1993 24 Es 1240 @FFE 2 TA 1025 24 Es 2250 XEFB 2 NL 1180
23 Es 1047-1230 unids 2-4 1330 KUTV 2 JT 1125 26 Es 1430 WGBH 2 MA 1010

1992 Summary Number of days most common stations were seen:

Ch. 2 WESH-FL 11/WPBT-FL 10/KNAZ AZ and CKCK-SK 7
Ch 3 CFQC1 SK 8!! /WEDU-FL 7/KIDR ID and KTVK-AZ 4
Ch. 4 KDBC TX 5/KGBT-TX and CITL AT 4
Ch. 5 KGWI WY 4/WCVB-MA, KEJ-CH, and KSL UT 3
Ch. 6 WLNE-MA and KSRE ND 2

In compiling the number of days that the most common stations were seen, I came up wth some rea surprises, especial y CFQC1-3.

Jeff Kadet, Box 20, Macomb IL 61455 (W3CRH) (309 843 1609)

CDT

Equipment

ICOM R7000 with video adapter; Zenith L1310, N1310, Y1310 13" color sets; five 9 to 12" black & white Zeniths for E skip (al sets circa 1979-1982). Screened Channel Master 7" dish with JA 900 preamplifier, .500 alum num hardline up 85°. Channel Master 1110 with PA-1975 preamplifier, .500 aluminum hardline up 80°. Winegard 5 element low-band yagi (vertically polarized) w/CP 3700 preamplifier, RG 11, up 10'. Finch 5 element 6 meter yagi (vertically polarized) with Belden 9913 up 25' (for channel 2).

September 1993	9 Es 1330	unid 6z Mexico	17 tr 0360-0515 Canada 57,
	13 Es 1750	KSWK 3 KS 590	59 32,29
	1815 CKCK 2 AB 960	unid 5+ Mexico	0455 W67AL 67 OH 505
	1900 WPBT 2 FL 1155	KACB 3 TX 815	(Eastlake WVIZ-25)
	15 tr 0830 W36AR 38 IN 200	1700 &Cuba 2 s/on	0516 WSYT 68 NY 765
	(Lafayette TBN)	1720 Cuba 6-	18 Es 0000 unid ch 2 Mexico
	21 Es 1802 CKSA 2 AB 1270	WPBT 2 FL 1165	1010 XEFB 2 NL 1160
	2040 CBPC3 3 SK 1030	2015 KUAT 6 AZ 1240	KVOA 4 AZ 1240
	CKKX 2 AB 1345	10 tr 0210 W4JBC 47 OH 360	1037 KIII 3 TX 970
	CFCNT 4 AB	(Springfield TBN)	1826 KRGV 5 TX 1070
	23 Es 2210 Unid ch 2 SS ss	WKEF 22 OH 340	KGBT 4 TX 1070
	25 Es 1100 CBFT 2 PQ 930	(See Note # 3)	unid ch 6 XHGC
	1158 CICA# 2 ON	0924 K31BW 31 KS 325	20 Es 2255 unid ch 2 Mexico
	27 tr 0137 WOSI 61 TN 465	(Manhattan TBN)	(See Note # 5)
	WFII 53(GA) 480	(o/u WMOB)	XHPN 3 CJ 985
	Huntsville 31,	0928 K14HK 14 KS 455	KGBT 4 TX 1070
	48 and 54	(Great Bend KSBAS-24)	21 Es 1300 KACV 2 TX 700
	0316 CW24BP 24 IL 175	11 Es 0830 WUND 2 NC 835	1345 KNAZ 2 AZ 1195
	(Flora LPTV)	12 Es 1250 WUNG 4 NC 700	KUTV 2 UT 1125
	0324 Buntid 49z res ese	WUND 2 NC 835	1631 WJXT 4 FL 870
	0347 W46A 46 TN 415	WSAV 3 GA 780	22 tr 0009 K35CY 35 MN 340
	(Cookeville TBN)	2016 WWAY 3 NC 810	Minneapolis HSS
	(Over WHS)	WEDU 3 FL 995	unid ch 53 MN
	KTBD 14 OK 500	WTCV 6 GA 775	0115 unid ch 49
28 tr ????	W4BL 41 IL 140	WPBX 6 FL 980	(K63DY CW ID)
	(Effingham FAM)	15 Es 1230 unid ch 4 Mexico	0251 K20AD 20 MN 335
29 Es	In & out all day	1730 CKCK 2 SK 960	(Worthington KSTP- 5)
	2200 WCBDD 2 SC 795	CFSS 3 SK 870	24 Es 0920 XEFB 2 NL 1160
	NSAV 3 GA 780	16 tr 0255 K20CTT 20 AR	XHPN 3 CU 985
30 tr 0140	CBFT10 48 ON465	(Springfield LPTV)	1000 KMO 4 TX 885
	Global 22, 29	(Keystone - ssw)	unid ch 4 Mexico
	Es 1912 KTVK 3 AZ 1275	Tulsa Us	unid ch 6 Mexico
	2000 KGBT 4 TX 1070	Huntsville Us	25 Es 1127 WESH 2 FL 955
	2017 KIII 3 TX 970	St. James MN Js	WPBT 2 FL 1155
	Unids 2-4 Mexico	Austin MN us	KIII 3 TX 970
	0348 K56FBT 56 MO	1340 KMOL 4 TX 885	
	(Springfield LPTV)	KENW 3 MM 860	
	0415 unid ch 40 HSS S	KDBC 4 TX 1085	
	0442 K31DV 31 MO 290	KASA 2 NM 920	
	Branson LPTV	1514 KWGN 2 CO 170	
	(See Note # 4)	26 tr 0509 W48AV 48-MI 425	
June 1993	3 Es 1015	WEDU 3 FL 995	(Detroit FAM)
	unid ch 2 Mexico	W4AP 48+OH 375	
	unid ch 4 Mexico	(Toledo VCN)	
	WTWJ 4 FL 1165	0558 W69BT 69 IN 245	
	1032 WTVY 4(FL) 715	(South Bend w/WGBA-26)	
	WESH 2 FL 955	(Normal WCIU-26)	
	1100 WDSJ 8 LA 725	0607 W67AL 67 OH 505	
5 Es 1630	unid ch 2 CTV	Cincy to Wichita	
	1600 CBFTC 2 PQ	in well on UHF	
	Birmingham 42,68	2040 W67CO 67 AL 460	
	WXTA 54 GA 840	(Huntsville WTUP-60)	
	(Rare - o/WZDX)	2053 GA 14,36,48,63,	
	Es 1235 unid ch 2 TA	AL 19,25,31,42,	
	2127 XHIA 2 CU 1265	48,21,54,60	
	(Rare)	2200 KIII 3 TX 970	
8 Es 2000	unid ch 2 Mexico	unid ch 4 Mexico	
	XHIT 4 CH 1195	2300 KWOL 4 TX 895	
	lots of Es all	17 tr 0125 WKBS 47 PA 640	
	evening chs 2-6	0250 @WUHF 31 NY 695	
9 Es 1330	unid ch 2 Mexico	("FOX 31")	26 tr 2333 @W-LSP 28 GA 820
	unid ch 4 Mexico	0350-0515 Canada 34,	
	@XET 6+ NL 1160	40,45,41,22,42	27 tr 0030 WCOV 20 AL 610

Western TV-DX

Jeff Kadet (continued)

27 tr 0030 WTLK 14 GA 535
[See Note # 6]
0105 unid channel 61
[See Note # 7]
0247 W25AI 25 OH 340
[Cincinnati LPTV]
["TV-25"]
28 Es 1800 XEFP 2 NL 1160
29 Es 1315 MUF above ch 6.
KMID 2 TX 865
unid ch 8 Mexico
KXET 5 NL 1160
1330 KDBC 4 TX 1065
1600 KNAZ 2 AZ 1195
KTWO 2 NY 825
KTVQ 2 MT 965
KDK 3 ID 1145
2000 CKCK 2 SK 960
KMID 2 TX 865
2 37 KACV 2 TX 700
. 60 KENW 3 NM 860
KAHR 4 TX 705
KPRC 2 TX 800

July 1993

1 Es 1015 WEDU 3 FL 995
WESH 2 FL 965
WTVA 4 FL 1165
WPBT 2 FL 1165
1530 WKTV 2 NY 830
1542 WCBS 2 NY 870
1709 KIII 3 TX 970
KBTG 3 TX 745
KRGV 5 TX 1070
KRIS 6 TX 965
1821 KDOT 8 NM 915
[KDOT-7 ID]
1940 KOB 4 NM 930
2000 unid ch 3 Mexico
KASA 2 NM 920
2030 KSWK 3 KS 590
KOAA 5 CO 755
KQNC 4 CO 770
KMID 2 TX 865
3 Es 1115 WPBT 2 FL 1165
WEDU 3 FL 995
WTVA 4 FL 1165
WESH 2 FL 955
1415 WJXT 4 FL 870
WCPX 6 FL 980
1515 WCIV 4 SC 800
WWAY 3 NC 810
WSAV 3 GA 780

3 Es 1515 WCBD 2 SC 795
unid chs 3,4 SS
[See Note # 8]
6 tr 0309 W44BF 44 WI 235
(La Crosse TBN)
0332 W4DAY 40 MI 390
(Traverse City WOAI-33)
0416 W55AC 55 WI 375
(DoorCounty w/WCFC-38)
(Normal WPNE 38)
(Best year)
0426 W68BS 68 WI 306
(Green Bay TBN)
0447 WGKU 45 WI 440
0604 W69AV 69 WI 400
(Leeland WCHL-6)
Fm 1102 WCBD 2 SC 795
unid ch 6 Spanish
1130 KGFE 2 ND 640
unid ch 2 Spanish
1240 KXMA 2 ND 750
1358 WFSB 3 CT 930
7 Es 1245 KPBC 2 TX 800
[See Note # 10]
8 Es 1800 unid channel 4
("Kansas-10")
1830 KASA 2 NM 920
1841 KTVQ 2 MT 965
1900 KWSE 4 ND 840
1910 KTVM 6 MT 1155
CFQC1 3 SK 1150
KCWC 4 WY 940
KENW 3 NM 860
KACV 2 TX 700
KRMA 6 CO 770
KAMR 4 TX 705
KJBC 4 TX 1065
KMOI 2 TX 865
KMOI 13 NC 550
KWEJ 69 GA 575
2130 KNAZ 2 AZ 1195

Note # 1 - Worst & best ever seen on a TV station. The cr@p it puts on the screen
4is looks like something never seen before. Sort of like overload
interference. Still has same signal on August 2! Local advertisers
include Bunnie's Barries, a bait shop, and a hypnotherapist.

Note # 2 - University course on agriculture.
Note # 3 - Demolishing 2 mile distant same offset WMEC.
Note # 4 - Seems to broadcast only local advertising and current events.
Note # 5 - Bullfight in Spanish. "deportv" in upper left.
Note # 6 - Showing a movie with frontal nudity!
Note # 7 - Video on 61 -- to St. Louis switching between Home Shopping and WMO-35.
Cannot conceive what this could be. [For that matter, on 02/08/91 a
unid TBN was seen on channel 68 a so coming from the direction of St
Louis and it has never been IDed. Suspect it had something to do with

September 1993

11 Es 0930 WPBT 2 FL 1165
12 Es 1648 KTVQ 2 MT 965
CFQC1 3 SK 1150
KXLF 4 MT 1155
CITL 4 AB 1270
CKSA 2 AB 1270
13 tr 0034 W46BK 46 OH 390
(Toledo TBN)
0214 W48AP 48 OH 375
0312 W62BE 62 OH 405
(Columbus MSG)
15 Es 2205 XEFE 2 TA 1025
KIII 3 TX 970
2221 XEFF 2 NL 1160
16 Es 0926 KNAZ 2 AZ 1195
1300 XEFE 2 TA 1025
17 Es 1700 KASA 2 NM 920
WCIV 4 SC 800
18 Es 1700 WESH 2 FL 965
19 Es 0915 XEFP 2 NL 1160
1000 XHAE 6 CL 1195
unid ch 3 XEW
20 tr 0507 W48BD 48 KY 425
Orbita TBN
0513 W20AS 20 KY 425
KFRB 6 CL 1195
FAM
21 tr 0052 unid ch 30- HSS
(Lexington HQD)
Es 1430 WESH 2 FL 955
WPBT 2 FL 1165
WTVA 4 FL 1165
22 tr 0226 OH xtra/LPTV
WJXT 4 FL 870
26 Es 1657 KASA 2 NM 920
27 tr 0035 =WPMG 54 TN 450
WESH 2 FL 955
0212 W2T— 27 ?
UNKNOWN HST
[To southeast]
W48BD 48 KY 425
W20AS 20 KY 425
0314 W68BP 68 OH 340
(Dayton TBN)
0400 ST. James good
0457 unid channel 48
("Montreal")
0458 WMSY 52 VA 550
Es 1904 KNAZ 2 AZ 1195
28 tr 0300 K58DH 58 MO 145
KCWC 4 WY 940
(St. Louis VNU)
[See Note #12]
30 Es 1106 WESH 2 FL 965
31 tr 0326 unid channel 48
("Montreal")
0400 unid ch 146 HSS
TJ SB WTLK?
0450 WQOS 13 NC 550
WVEJ 69 GA 575
0458 +WKCH 43 TN

Western TV-DX

Jeff Kadet (continued)

the channel 18 which came on a few months later..
Note # 8 - Lots of interesting Spanish stations in on channel 4. Frank Merrill got
the Dominican Republic on double hop E skip. After playing back my tape
there appears to be three or four different Spanish stations in there.
Tape being sent to Caesar Oblio with fingers crossed.
Note # 9 - The conditions from 1100 to 1200 were a carbon copy of the double hop E
skip conditions on July 3 from 1400-1530 with channel 4 still being the
most interesting. Tapes from this session being sent to Caesar Oblio
also. Tentative Puerto Rico and Dominican Republic loggings today.
Note #10 - KPRC's logo and WESH's logo are almost identical and both stations are
NBC and channel 2-. So far at least, it appears that KPRC's "2" is white
and WESH's "2" is black.
Note #11 - A TBN translator which actually keeps their ID on the screen all the
time
Note #12 - Selling classified advertising in your own voice @ \$20/week

Thanks to Tom Bryant and Doug Smith for a great convention. Was another Mexican
seen here by tropo on 06/17/92? Joe Graqq who does a lot of work at northern Mexican
TV stations mentioned that there is a channel 23 in Nueva Rosita about 75 miles southwest
of Ciudad Juarez 46 n Ped as Negras. There is still an unlit channel 23 from that
opening which carried Univision. Stay tuned.

It's been ten years since moving to Macomb in July 1983. While it's interesting to
see what has been added from here I see it's very interesting to see what has not been
logged. (Frank Merrill concurs with all of these,

By tropo: W87CH La Crosse, Wisconsin. I know this is on the air and it was logged
once while still on channel 83, but I have sat on channel 87 for hours while channel 31 up
there is pinning the meter, but all I ever get is W67AC. Ditto W62BH Hopkinsville,
Kentucky. Channel 43 there can be barreling in, but I've never even seen traces of cci
from them. Ed Phelps complains they overload his receiver. WKYU 24 Bowling Green,
Kentucky, never even a trace. WDCN 8. Frank has this, but I've spent hours trying to
get it with no luck. Lack of Wimpey on tropo. Probably the biggest surprise. Figured
that in ten years there would be at east one opening up to there. A so, st need tropo
from New Mexico and Wyoming. Lack of deep Florida tropo - other than a few weak
openings into central Florida (WTGL-52, WMOD-43, WFTS-28, WOFL-35) there has been nada.
Figured Tampa/St. Petersburg would have been more common here since part of the path
is over water. WHNS-21 Asheville, North Carolina - forget it!

By E skip: KTVN-2. At 1535 miles and with a totally clear channel 2 here, this
station has never been seen. WGS-2 at 575 miles is another one. I have channel 5 from
Atlanta by E skip, but not them. WGRZ-2 is fairly common by E skip here, but WIVB-4 has
never made it in. Double-hop E skip to Central America. Frank and I figured this stuff
would be common, but neither of us have anything from there. Bill Eckberg has YSR 2.
In fact, double hop is down right rare from here. Only KCR-A-3 and perhaps a few
Mexicans / Dominicans are the only double hop E skip ever seen. KORA is usually seen at
least once every E skip season. Wonder if its circular polarization helps with that?
There are tons of West Coast lo-banders which have refused to double hop into Macomb
including needed Oregon? 73

(Jeff, could your channel 27 from the southeast with Main Street TV have been
W27AN at Murfreesboro, Tennessee? At one time, it reportedly carried Channel America,
but maybe it has changed? fm)

Doug Allen, P.O. Box 5646, Woodland Park CO 80866 (W2CRS) (719-687-3548)

MDT

Equipment:

Icom R 7000, 1981 Magnavox b&w TV, Antennacraft Y10-10 and 10G205C
preamplifier at 25 and Imagine Master 7" dsh and 8" CMA w/ preamp for at
28"

June 1993

2 tr 0750 KSNQ 11 KS 240	22 tr 0920 K14-- 14 CO?	22 tr 1010 K67 - 67 CO?
0751 KUPK 13 KS 255	(Unknown KMOM-7)	(Unknown KTYS-3)
0910 KSAS 24 KS 415	0927 KCIT 14 TX 305	27 tr 0615 KRNE 12 NE 310
8 tr 0659 K14HKT 14 KS	0936 K1BAE 18 CO 140	0630 KWCH 12 KS 400
(Great Band KSAS 24)	(Akron KUSA-9)	
0940 KDKI 23 OK 555	0939 K1BAC 16 CO 140	July 1993
0955 KSAS 24 KS 415	(Akron KCNC-4)	6 tr 0625 KQNE 19 NE 485
1005 KRS 13 JH	0945 K14AE 14 CO 140	0630 KWOC 14 WY 270
22 tr 0915 K14-- 14 WY?	(Akron KWGN 2)	0640 K14 14 WY?
(Unknown KTYS-3)	1000 K67-- 67 KS?	(Unknown KQWC-14)
	(Unknown KBSL-10)	(See Note # 1)

Western TV-DX

September 1993

Doug Allen (continued) 6 tr 0721 KPQCT 15 NE
 0730 K61— 61 WY? (See Note # 2)
 10 tr 0610 KOINT 10 NE
 (Lincoln LPTV) 0515 unid channel 12 (See Note # 3)
 (See Note # 4)
 0857 KUON 12 NE 480 (See Note # 5)
 0904 KXNE 19 NE 465
 0915 KBINT 32 IA

Note # 1 KGWC is minus offset. The translator was plus offset and peaked further east than KGWC.

Note # 2 - "You're watching TV-5, Wyoming's new leader"

Note # 3 Zero offset "Save the Kids" religious program which doesn't fit KRME's PBS format. Peaked NE. (KTTM Huron SD? fm)

Note # 4 - Home Shopping Club. Peaked north. Plus offset.

Note # 5 - "Nebraska Public Television." Peaked east, not toward Merriman. Minus offset

Spent the last half of July in northern New York and at the great Nashville convention. Good to meet so many! With the weather patterns changing (hopefully) and the low pressure moving the upper midwest to dry out, maybe we'll get some good late summer and autumn tropo. So far, it's been the worst tropo season in the five years I've been in Colorado. 73, Doug

Doug, your unID translators are intriguing - baffling - particularly, at the change 14s. The FCC database dated 05/29/93 shows only one 14 in Colorado and two 14s in Wyoming. The Colorado translator is K14AE which you have noted. The Wyoming translators are K14HH at Teton Village (430 miles from your QTH), and K14IL at Pinedale (375 miles). According to TV Factbook, both of the Wyoming translators translate KCWC (K14HH is owned by KCWC). The FCC shows no construction permits or pending applications for channel 14 in either state. Hope you can track these down. Also, the construction permit for KPQC-15 was canceled on 06/30/92. fm)

Robert Delaney, RR#4 Box 385, Mt. Vernon IL 62864 (KA9UVY) (618 242-7256, CDT

Equipment:

1990 Zenith 13" color SS 1311W, Emerson B65 VCR, JHF ant. 7" parabolic CM 4251 @ 110' ag. UA 900 preamp, RG 11 coax. VHF ant: rotatable vertical dipole @ 25' ag for E skip, CM 3608 @ 55' ag. Camera Pentax K 1000 with Kodak Gold Plus 200

July 1993
 3 Es 1400 WESH 2 FL 780 18 tr D602 K49CQ 49 AR 310 25 tr 0538 @KFXK 51 TX 540 (Little Rock VJN)
 1452 WTVJ 4 FL 990 20 tr 0302 W4AFT 48 OH (Blue Island LPTV)
 4 tr 0410 KTXA 21 TX 600 (Toledo VJN)
 0420 @KRSC 35 OK 390 0453 WEAO 49 OH 430 0618 KXLN 45 TX 710
 0500 KDAF 33 TX 600 0546 WSBN 47 VA 355 0631 KHTV 39 TX 710
 0501 KDTX 58 TX 600 0558 WKPI 22 KY 355 0638 KNVD 48 TX 995
 0732 W69BT 69 IN 270 0638 W54AFT 54 OH 0712 @KMBH 60 TX 990
 ,South Bend WCIU 26) (Bucyrus LPTV) 26 tr 0500 K65EK 65 AR 330
 0948 WTBU 69 IN 180 0728 WOAC 67 OH 436 (Pine Bluff ACT)
 5 tr 0405 8WJAS 43 OH 435 0732 W50BEI 50 OH (See Note,
 0446 WEAO 49 OH 430 (Manfield ANC)
 6 Es 1715 KPV1 6 ID 1265 22 Es 1930 WGBH 2 MA 970 0501 @KLRT 16 AR 315
 1730 KIDK 3 ID 1285 24 tr 0657 W36AM 36 TN 225 0505 @KMSS 33 LA 480
 1830 KREG 3 CO 995 (Memphis VJN)
 1853 WTVJ 4 FL 990 25 tr 0400 KLTJ 22 TX 720 0526 @KTXA 20 TX 710
 1900 KENW 3 NM 885 0401 KHSH 67 TX 710 0635 @KRTV 26 TX 710
 1901 WPBT 2 FL 990 0416 KWKT 44 TX 680 0540 @KETH 14 TX 710
 8 tr 0330 WXON 20 MI 410 0417 KLAX 31 LA 510 0655 @KTMQ 48 TX 710
 0342 WKBD 50 MI 410 0421 KABB 29 TX 820 0630 WNTZ 48 MS 490
 9 tr 0310 KDAF 33 TX 600 0428 KXAN 36 TX 750 (Lansing WAQP 49)
 0345 WNTZ 48 MS 490 0502 KHSX 49 TX 600 30 Es 1300 KTWD 2 NY 960
 0700 KDTX 58 TX 600 0510 KMSS 33 LA 480 1501 KIDK 3 ID 1285
 17 Es 1835 KIDK 3 ID 1285 0534 KETK 56 TX 580

Note - "TV 65 Pine Bluff's Own." No call given

I am very pleased with the 7" dish @ 110'. I am seeing many LPTVs that I only saw once in a great while often now. Also, the opening on the 25th netted me my furthest tropo catch ever with KNVD 48 being about 996 miles!. 73 til next month, de Bob

Western TV-DX

September 1993

Michael Parks Route 1, Box 103, Amery WI 54001

CDT

Equipment:

Channel Master 1110 Quantum with W negard PA 1375 preamplifier and RG 11L at 30°, Channel Master 4228A with W negard PA 4975 preamplifier and RG 11L at 35°, Alliance HD-73-1 rotor, Channel Master 7206 Hi Q trap, and Zenith Z1920W 19 color TV

May 1993
 6 tr 0308 Chicago JHFs 12 Es 0006 unid channel 2+ 6 Es 1044 KATC 3 LA 1062
 WNDU 16 IN 402 15 Es 1300 WLBT 3 MS 918 1051 KALBt 5 LA
 WSBT 22 IN 401 1505 KBTX 3 TX 1047 1052 WDSJ 6 LA 1076
 WIME 48 IN 404 1528 KATC 3 LA 1062 1057 KWLz 4 LA
 0319 WBSX 31 MI 462 16 Es 1755 KRTV 3 MT 915 1215 WBRZ 2 LA 1048
 0321 W448F 44 WI 320 (See Note # 2) 1224 KDK 3 ID 1012
 La Crosse TBN) 1959 (Received off
 0324 WSJY 28 IN 402 17 Es 1231 KENW 3 NM 1017 antenna back
 0339 WTLJ 54 MI 359 2057 KRTV 3 MT 915 1228 WEAR 3 AL 1052
 0341 @WGTE 30 OH 513 2110 KLEW 3(WA)1191 1235 %WDJOT 2 AL
 0342 WXXI 17 MI 384 2120 KMD 2 TX 1065 1254 KTVQ 2 MT 782
 WLS 7 IL 336 2130 KENW 3 NM 1017 1347 CFRN 3 AB 1086
 0344 WPTA 21 IN 465 2137 WBRZ 2 LA 1046 7 Es 2028 KPRC 2 TX 1109
 WLIQ 35 OH 522 WLBT 3 MS 918 8 Es 1322 CFAP 2 PQ 1010
 0346 K74CZ 74 MN 101 unid ch 2 SRC
 (Winona KTTG-10) 2152 KFDX 3 TX 863 1352 unid ch 3 SRC
 W67CH 67 WI 123 2210 KACB 3 TX 1049 1401 CFRS 4 PQ 1032
 La Crosse KTTG-10) 18 Es 1859 KIII 3 TX 1261 1500 CFCU 2 ON 631
 0455 W43AV 43 WI 263 1902 KRISE 6 TX 1251 ("MCTV")
 Waukesha HSS) 2031 unid ch 4- NBC 1751 KENW 3 NM 1017
 13 Es 2115 KLEW 3(WA)1191 21 tr 0851 K300K 30 MN 186 1759 KACV 2 TX 857
 2303 KIDK 3 ID 1012 (Bemidji 1 KMSP- 91 1800 KACB 3 TX 1049
 16 Es 1953 unid ch 3 CBS/MDT Es 1159 KMD 2 TX 1065 1806 KOCT 6 NM 1079
 1958 CFQC1 3 SK 858 1558 KENW 3 NM 1017 1819 KURH 2 DK 672
 1959 KPV1 6 ID 1008 25 Es 1159 KATC 3 LA 1062 1822 KPRC 2 TX 1109
 2200 WDIQ 2 AL 1008 1307 WNL 4 LA 1078 1826 WEAR 3 AL 1052
 21 Es 1940 unid chs 2, 3 1430 KBTX 3 TX 1047 1857 WEDU 3 FL 1333
 (See Note # 3) 1500 KMD 2 TX 1065 1859 KASA 2 NM 1024
 unid ch 2 PBS 1911 KATC 3 LA
 unid ch 2 PBS 1921 KENWT 3 NM
 2 Es 1905 KVBC 3 NV 1350 1512 KENWT 3 NM 1931 KIII 3 TX 1261
 unid ch 3 Spanish 28 Es 1215 KPRC 2 TX 1109
 3 Es 1400 KMD 2 TX 1065 1229 KBTX 3 TX 1047 2302 KRMN 6 CO 947
 KENW 3 NM 1017 1246 %WDJOT 2 AL 14 Es 1930 KREN 2 WA 1196
 KAMR 4 TX 859 29 Es 1957 KENW 3 NM 1017 KLEW 3(WA)1191
 1415 KACV 2 TX 1242 KBTX 3 TX 1047 2058 KPRC 2 TX 1109 30 Es 1430 KASA 2 NM 1024
 9 Es 2108 KNAZE 2 AZ July 1993 (ID - huge calls
 KBTX 3 TX 1047 1 Es 2000 KFDX 3 TX 863 August 1993
 KAMR 4 TX 859 2015 KAUV 6 TX 2 Es 2159 KENW 3 NM 1017
 2122 KOCT 6 NM 1079 2100 KMD 2 TX 1065
 (See Note # 1) 5 Es 2227 CKKX 2 AB 1081

Note # 1 - It was stated in the December 1992 TV News column that KVIQ 6 had been sold. Apparently the station is now a satellite of KOAT 7, Albuquerque, as I saw them air several KOAT-TV promos. Thus KVIQ-TV remains an ABC affiliate (I changed your loggings to reflect their new call letters KOCT. fm)

Note # 2 - ID at 1800 showed a picture of a tower and transmitter shack with the words, "Support your local translator association!"

Note # 3 - IDED with translators K76AP, Big Lake, and K12FM, Fort Stockton.

This year's E skip season seemed to peak a couple weeks late. I was almost ready to call it a bust. All in all, I would say that this summer was better than last. However, on the tropo front, this summer is worse than last year - a complete bust. I saw more tropo last winter (and it was none too plentiful then). During July, most of the unsettled, stormy weather moved several hundred miles to the south and has, for the most part, left this area high and dry. This, along with a belated increase in the number of warm, muggy days, led me to believe that the tropo would soon be arriving, but alas, nothing much materialized.

Michael Parks (continued)

DXers take note: WCCO-4 is now transmitting with a plus offset rather than zero. (This was necessitated by the vacant channel 4z assignment granted to Crandon, Wisconsin a few years ago.) I do not know exactly when the change took place. I had the opportunity to determine the offset with an AOR handheld scanner in early May, and they were +10 KHz at that time. Their new offset was verified on June 25 when they produced a zero beat against us offset WWL-TV.

Further evidence that WLAX-25's satellite station, WEUX 48, is really a translator, it appears to receive its signal off air rather than via microwave relay. Any technical difficulties that WLAX transmits are periodically repeated by WEUX. Weather watch symbols have been seen in the corner of the screen as well, despite the fact that the watch area affected La Crosse, but didn't come near Eau Claire. None of this occurs with WXOW-19/WQOW 18, another primary and satellite pair in the La Crosse/Eau Claire market. I find it especially annoying that WEUX seems to have no automated equipment for detecting the lack of WLAX's signal and shutting down appropriately. Even though WLAX goes silent after sign/off, WEUX stays on all night with a black screen and a tremendous hiss for audio. Additionally, there are absolutely no commercials for the Eau Claire area - just La Crosse. Since they apparently have no sales office in (or near) Eau Claire, I wonder if they even have a studio of any kind; the only mailing address given on air is that of WLAX's La Crosse studio.

Wireless cable is now available in this area. I have been receiving fliers in the mail trying to induce me to subscribe. But at \$39.99 a month for only 12 channels, I'll pass. I've noticed ads in electronic magazines for wireless cable receiving equipment. Has anyone tried DXing wireless cable stations yet? I wonder where a person could even get basic information on these stations, such as call letters, topo or topo, transmitter location, etc. I have no idea where the system in this area is transmitted from. The flier gives only a phone number for a sales office to arrange an in-home demonstration. (Wireless cable is included in the Services volume of Television and Cable Factbook. I don't have the 1993 edition, so am unsure what serves your area, fm.)

DXers fed up with today's generation of TVs and VCRs and their mounting facilities might want to investigate the Sharp brand name. I don't know about their entire line, but the models I had the opportunity to try awhile back (one of each) were not too bad in the tuner department. Although the VCR's tuner could take up to two seconds to lock onto a weak signal, it easily rivaled my Zenith TV's tuner - especially on UHF, a common weak spot in VCR tuners. A skip can cause many VCRs to lose sync, but other than losing the color, this VCR had no problem taping interference plagued signals. Perhaps most importantly of all, both the TV and VCR had a switch to kill the dreaded blue screen. Sorry, but I don't know what the model numbers were. Until next time... 73, Mike

William Eckberg, 1032 Sterling Road, Dixon IL 61021

COT

Equipment:

1966 Zenith b&w receiver ch 14N22, modified UHF tuner. Rohn tower - Channel Master 1110 at 41'. Rohn crankup tower Channel Master 7 foot dish at 52' RDX Labs LA700 and JA900 preampifier respectively. Jerrald CAC11 cable

July 1993	2 Es 1415	XHRIQ	2 TA 1201	8 Es 1900	KYUS	3 MT 853
1 Es 1805	KXAS	5 TX 757	3 Es 1605	WESH	2 FL 983	1910 KIDK 3 ID 1123
1810	KENS	5 TX 992	1815 KIII	3 TX 1072	1930 KOAA	5 CO 828
1820	KDFW	4 TX 738	5 Es 1655	ICRT	2 Cuba	1945 KSL 5 UT 1189
1825	KOCO	5 OK 578		ICRT	5 Cuba	2000 KTXT 5 TX 875
1905	KGNN	5 WY 785	1700 WPBT	2 FL 1229	2100 KWGN	2 CO 811
1930	KTWO	2 WY 849		WEGL	3 FL 1031	12 Es 1700 KIDK 3 ID 1123
	KOAA	5 CO 828	6 Es 1235	KFBB	5 MT 1112	1710 KVQ 2 MT 968
2000	KENW	3 NM 912	1250 CKCK	2 SK 918	15 Es 1200 WUND	2 NC 797
	KACB	3 TX 803	1300 CFQC1	3 SK 1120	2100 KTWO	2 WY 849
2030	KASA	2 NM 972	1825 KIDK	3 ID 1123	17 Es 1530 KIDK	3 ID 1123
2200	KWGN	2 CO 811	1830 KUTV	2 UT 1139	KBCI	2 ID 1328
2 Es 1200	WPBT	2 FL 1229	1900 KACB	3 TX 933	30 Es 1430 KUTV	2 UT 1139
1303	ICRT	2 Cuba	8 Es 1900 KNME	5 NM 1028	1500 KIDK	3 ID 1123
1325	ICRT	5 Cuba		KTVQ	2 MT 968	31 tr 0435 WLDS 43 NC 558

Cuba's running patterns for hours in the afternoon on channels 2 and 5. I've copied their pattern ranging from 1303 to 1655 on July 2, 5, and August 5 with color bars in July and back to the Philips in August.

I saw WLDS 13 the first time this year in July. My favorite test pattern is gone forever, replaced with color bars, ID, and QTH!

No UHF in operation yet after a lightning hit. I purchased a new rotor which has most of the features I've been looking for. It's the Yaesu G-400RC. It has compass dia-

William Eckberg (continued) north stop, adjustments for each end of rotation, and a very sturdy antenna motor with a 11 square foot wind load rating. It is reasonable at \$219 on sale. I haven't installed it yet, but it looks like a winner. I was going to purchase the Alliance HD73, but it was discontinued.

Frank Aden Jr., 4098 Marcia Place, Boise ID 83704 NTSOK

MDT

Equipment:

TVs, 27" Magnavox Color Monitor, 19" RCA color, 13" BMG color monitor. VCRs: Radio Shack MTS stereo, RCA mono. Antenna Radio Shack ch 2-13 14 element on rotor at 22°.

This season has definitely been better than last year. I have spent more time with TV DX than last year as I was not having to worry about working short skip on 10m for WAS. Two things to note: MU's rarely went above channel 4 and many openings started after 2100 going past 0200, making it possible to ID a few stations on channels 2 and 4. KBCI-2 has been signing off between 0030 and 0130 and KAID-4 signs off around 0030.

I was on vacation during the last part of May and early June for ARRL in Seaside and also last week of June for IRCA in Billings, so no report for those periods.

Have been getting ready for ATV, will be soon buying a transmitter for 439.25. I have already obtained a downconverter for the 440 MHz band and my new TV covers the ATV portion of the band. I have built a skeleton slot beam for ATV and will be putting it on my new 32" tilt over tower which presently has my 2 element 10m beam and 2 element 2m quad.

For those hams in the club, I would be interested in starting a 10m net or Saturdays. I suggest around 28.440 at 20:00 UTC. I will give a few CQs on the frequency the next few Saturdays after this appears.

I will be running both VCRs again like last year for Persists so wait for my next report

May 1993	30 Es 0000	KENW	3 NM 970	13 Es 2100	KACB	3 TX 1190
22 tr 1440	KMVT 11 ID 110	0005 KDBC	4 TX 970	15 Es 2000	KLNE	3 NE 885
	, See Note # 1)	0115 KASA	2 NM 745		KCTV	5 MO
23 Es 1200	KSWK 3 KS 885	0130 KMID	2 TX 1095	2120 KYTV	3 MO 1295	
26 Es 2000	KTVK 3 AZ 745			21 Es 0100	KLSD	2 SD 975
					KFDX	3 TX 1160
				21 Es 2200	KMTV	3 NE 1040
				23 Es 2100	KMTV	3 NE 1040
				24 Es 1825	KSNW	3 KS 1055
				27 Es 2100	KENW KFDX/KSWK	
				29 Es 2330	KSNW KFDX	
				30 ?? 0200	OKURH	2 OK 1205
					(See Note # 2)	
July 1993	1 Es 2200	KENW	3 NM 970	23 Es 2100	KMTV	3 NE 1040
9 Es 2100	KTVK 3 AZ 745	6 Es 2300 KSNW	3 KS 1055	24 Es 1825	KSNW	3 KS 1055
15 Es 2200	XHBC 3 BN 760	7 Es 2030 KFDX	3 TX 1160	27 Es 2100	KENW KFDX/KSWK	
18 Es 2200	KSNW 3 KS 1055			29 Es 2330	KSNW KFDX	
21 Es 0000	KTVK 3 MO 1295	2100 KXAS	5 TX 1290	30 ?? 0200	OKURH	2 OK 1205
	0100 XEPMT 2 CH			2200 KENW	3 NM 970	
29 Es 2030	KFDX 3 TX 1160	8 Es 2100 KTVK	3 AZ 745			
	2100 KNE 3 NE 885	13 Es 2000 KOCOT	5 OK			

Note # 1 - tr/qw - Finally seen here after four years weak but readable. Using new TV receiver

Note # 2 Es/ms? - A couple of minutes of nice IDed color bars

Fred McCormack, 2384 Teakwood Dr, Maplewood MN 55119-5520

COT

Equipment:

General Electric 9" color, Mode 09GP103, VHF: Rabbit ears, UHF: Archer Golden-U UHF Indoor Antenna (2 bow ties)

May 1993	13 Es 2014	KLEW 3(WA)1180	21 tr 0759 WKOW 27 WI 215	1 tr 0748 K26CL 26 MN 135
			0830 WMSN 47 WI 215	(Alexandria WCH-1
				0801 K4BAH 48 MN 100
				Willmar KMSP-9
				0804 K46AC 46 MN 100
				(Bemidji KVRR 15)
				K34AF 34 MN 135
				(Willmar WCCO-4)
			0759 K18AI 18 MN 165	(Alexandria KVRR 15)
			0738 K36AA 36 MN 135	11 tr 0948 K26AC 26 MN 200
			(Grand Rapids KVRR 15)	0952 K18AI 18 MN 165
			0953 K49CQ 49 MN 155	0953 K49CQ 49 MN 155
			0928 KJMH 26 IA 300	(Walker KMSP-9)
			0965 CIC091 44 ON 340	0965 CIC091 44 ON 340
			21 tr 0750 WHA 21 WI 215	(Alexandria KMSP-9)

This is all I have despite John Ebeling's much appreciated effort to keep me aware of E skip openings. I just couldn't ID the stuff. Still hoping for some 500 mile tropo.

SOUTHERN FM DX

SEPTEMBER 1993

SOUTHERN FM DX is for reporters from: AL, AR, AZ, CA, CO, DC, DE, FL, GA, HI, KS, KY, LA, MD, MO, MS, NC, NV, OK, SC, TN, TX, UT & WV.

LOW PRESSURE BLAMED ON LACK OF TROP ON FRONT RANGE

Jeff Wolf, 1131 University Blvd. W., apt. 701, Silver Spring, MD 20902
Equip.: Sears AM-FM-TV bank radio

7/3 Es
1552 KNTU 88.1 TX Denton
Correction to my Aug.'93 VUD report: 6/13, WKID should read WKIK.

Doug Smith(W9WI), 74 Brookside Court, Nashville, TN 37209 4503

7/1 Es, tr

1800 94.5 KSKL KS Scott City, local ad 763
96.1 KGGL CO Greeley, "Front Range" 986
99.1 KWAD CO Windsor, remote in

Loveland 986
100.7 KGMV WY Gillette, "NE WY's Y-100"

91.5 KRNE NE Merriman, "...for NE Public R." 880

93.3 KTCI CO Ft. Collins, legal ID w/K276BJ 1003

97.5 unID "Q Country", prob. KQSK

1900 95.1 KSOY SD Deadwood, legal ID 1021

96.9 KAML WY Gillette, legal ID 1090

97.5 WZEZ TN Trenton, ads 111

1908 104.9 WFPO MS Iuka, ad 123

1910 106.7 WN2D MS New Albany, ad 156

1918 94.5 WAPI AL Birmingham, "I-95" 176

1926 93.9 unID "Renegade R. Q94", rp 1929 88.9 WRNA MS Senatobia, "WRNO Sts.", ID

7/3 Es k 82

1639 95.9 WCSD TN Livingston, "Sunny 95.9"

1654 94.9 WEPH GA Atlanta, "Peach 94-9", k

94.9 WKOR MS Columbus, ID 193

1706 98.3 WINJ TN Pulaski, calls 67

More Es, more Es and a great opening during the convention! July was probably my best FM DX month in the 2½ years I've been in TN.

Doug Allen, W2CRS, PO Box 5646, Woodland Park, CO 80866
Equip.: Onkyo T-4087 (IF modified)

6/17 Es

1949 WMEZ 94.1 FL Pensacola, ID

1953 WQXO 104.1 AL Atmore, ads & wx

1956 WREJ 94.9 AL Mobile, k, "95-KSJ"

2002 WKUR 88.9 ?? Elizabethtown, not in 13th ed. of FM Atlas.

2020 KRJY 96.3 MO St. Louis, wx

2025 WREI 94.9 IL Mount Carmel, ID

2030 WFCJ 93.7 OH Miami Springs, ID

2031 WBGL 91.7 IL Champaign, "new light", ID

2035 WFOP 97.1 GA Gainesville, ads

2040 WRDN 95.9 WI Durand, ID

2042 WCNL 95.9 ?? not in Atlas, ID

2050 WYLY 97.7 MS Tylertown, ID

6/18 Es

0845 WMEZ 94.1 FL Pensacola, ID

0848 WEGS 91.7 FL Milton, "Swap Shop", local towns

0852 WZEN 92.1 FL Fairhope, local ads

0855 WDXJ 96.3 MS Jackson, "Jackson's MDX '96"

0857 WBBN 95.9 MS Taylerville, 896 & ads

0859 WSOR 90.9 FL Naples, ID, double hop

0900 WHIL 91.3 AL Mobile, ID

cont...

Danny Buntin
1912 N. Skyline
Stillwater, OK 74075

DEADLINE: 14th

Allen, cont.

SEPTEMBER 1993

SOUTHERN FM DX

7/1 Es

2149 WKDD 96.5 OH Akron

7/6 Es

1812 WRBA 95.9 FL Springfield, ID

1843 WCHY 94.1 GA Savannah, ID, "Y-94FM"

1925 WERH 90.3 IA Baton Rouge, ID

1935 WMRA 92.3 FL Orlando, talk show

2001 KULF 94.1 TX Benton, ID

2005 KACC 91.3 TX Alvin, ID

2015 KULM 98.3 TX Columbus, Astros BB

7/8 Es

1030 WLAB 88.3 IN Fort Wayne, ID

7/9 Es

0703 KZGZ 107.3 NE Lincoln, wx

0752 KBRB 98.3 NE Broken Bow, ads

0753 KNLV 103.9 NE Ord, ID

0800 KROT 93.5 NE Columbus, ID, NE #38

7/9 Es
0804 KUCV 90.9 NE Lincoln, promo

0805 KALW 104.9 NE York, "KANL & KIMX"

0807 KKNB 104.1 NE Crete, ads, in KNAB null

NE #39, Mike Hawk called saying he was

receiving Co Springs! Over the telephone we

confirmed for each other several Omaha

stations and KORO 95.1

0900 KEZO 92.3 NE Omaha, ID

1200 "KTF" 89.9 CO Canon City, xlator, CO #121

7/11 tr

0915 KROT 93.5 NE Columbus, k, ID

0917 WQW 94.1 NE Omaha, ID

7/12 tr

0530 K214AU 90.7 KS Sharon Springs,

"High Plains Public Radio"

7/13 tr

2215 KRTZT 98.7 CO Cortez, fading up occas.

Enjoyed visiting with every one in Nashville. It was a great conference, well organized and great tropo! Was out of state for two weeks in July, in northern New York and ten Nashville. From what I hear, I didn't miss Es or tropo while I was gone. With that damn low pressure east of here causing all the drain and flooding, tropo has been almost non-existent this summer, so far. The 500+ mile tropes to eastern NE have been the best, so far. Es has been about average overall with fewer high MUF openings than normal, but this is a very local phenomenon as areas only a few hundred miles away have had a half dozen or more 144 mHz openings through July. Hope everyone had a great summer.

Gus Manoliso, 5615 Inwood St, Cheverly, MD 20785 301 773-3072

6/18 Es

8/3 tr

2034 WMOZ 90.7 IA New Orleans

2036 KJEF 92.9 IA Jennings

(Didn't check between 1900 when there was no skip, & 2030, so I probably missed something.)

7/1 tr

1830 W?? 89.1 MD Hagerstown, from car in

Forestville(other side of DC) simul w/WETA

90.9. Morning tropes weak this summer

despite searing heat & humidity. Must need evaporation of rain to help out.

Recent article in Washington Post says you live a couple years longer if your mother born at sunspot low point, and vice versa. (5/24/93)

STATION NEWS: WRHH 99.9 MD now K. WLW 105.5 now o (early 60s & prior oldies.) Note: WMMB 104.7 occasionally simus w/k format am, IDs as "the Bear". Oldies war, previously fought in Phil & Balt now squares off in DC WXIR 104.1 going head to head w/newcomer WBIG 100.3. Must also compete w/rimshooters WMJS 92.7, WNAV 1430 and WINX 1600.

Steven C. Wiseblood, 6393 N. Dakota, Apt. #2, Brownsville, TX 78521

Equip.: Denon TU-800, Radio Shack stacked 6-el yagi's at 22 feet.

7/14 tr

ads 438

0356 KDMX 102.9 TX Dallas, Mix 102.9, ads 473

0358 KZEP 104.5 TX San Antonio, The Zep, cl r 0647 KELI 98.7 TX San Angelo, K-LITE, a/c mx

0359 KJNE 102.5 TX Hillsboro, ID, k 423

0402 KRUQ 102.1 TX Houston, 102 JAMS, s 297

1730 KRMF 104.5 TX Beaumont, "The Classics you

love"

0403 KONO 101.1 TX Fredericksburg, o 314

0406 WRR 101.1 TX Dallas, c 473

1735 KTFA 92.5 TX Groves, contemp q 355

0408 KVLU 98.7 TX Dallas, o, K-love 1737 KVLU 91.3 TX Beaumont, lite q mx 356

0416 KSCS 96.3 TX Fort Worth, k 7/22 tr

0417 KFGI 94.7 TX Luling, Froggle 94, o 262

0734 KVLU 98.7 TX Dallas, K-LOVE, o, wx 473

0419 KSRM 92.9 TX San Antonio, 92-FM, SS, pop 0745 KDMX 102.9 TX Dallas, Mix 102.9 a/c

0420 KCBI 90.9 TX Dallas, contemp q 473

0752 KYSX 106.1 TX Denton, "KISS Copter Rush

hour traffic"

2102 KELI 98.7 TX San Angelo, K-LITE, a/c 1840 KIOC 106.1 TX Orange, Power Hits K-106, r

1859 KMKS 102.5 TX Bay City, "Bridging the gap between Houston and Corpus, a/c mx 233

0216 K2TD 106.1 TX Laredo, TQ-106, o 166

1901 KLLT 100.3 TX Houston, d, ID 297

1905 KHYX 98.5 TX Port Arthur, lite soul 353

0220 XHNLC 97.1 TA Nuevo Laredo, "Estereo 1910 KLDL 94.5 TX Houston, o, ID 297

Receudo", SS mx 1916 KVLU 91.3 TX Beaumont, c, N.P.R. promo 356

cont....

SOUTHERN FM DX

Wiseblood, cont.

7/22 tr			
1919 KPVU 91.3 TX Prairie View, Lt. s	302	7/25 tr	821
1919 K216BX 91.1 TX Lake Jackson, //89.3		1032 KRHT 96.7 MO Springfield, The Heart, a/c	
KSBJ Houston, contemp. g	250	1047 KKUS 97.3 MO Springfield, "US-97, The	
1925 KXKX 97.9 TX Houston, soul-rap	297	Home of Ozarks rock & roll"	
1928 KTRX 104.9 TX Halveston, r-a/c mx	287	1046 KKYR 92.5 TX Texarkana, Kicker 102.5, k	
1944 KXTR 107.9 TX Beaumont, "Houston's		1048 KLES 99.7 TX unID, "FM-100", promo for	
Favorite Tejano"	356	"Wheel of Hope"	
1954 KLUB 106.9 TX Bloomington, "CLUB 106.9", tejano mx	194	1050 KOLL 94.9 AR Maumelle, "Cool 95", o 684	
2002 KRBZ 104.1 TX Houston, alt. r, o/KBFM	473	1100 KREB 106.1 OK Broken Bow, "Best Country	
2322 KYKR 95.1 TX Port Arthur, K-95, k	353	106", ID	586
2324 KCSC 96.3 TX Fort Worth, k	473	1101 KBSY 107.3 OK Poteau, ads, "Sunny 107.3"	
2329 KLUV 98.7 TX Dallas, "All oldies K-LOVE"		1423 KAUN 102.9 LA Crowley,	432
2330 KLTG 98.9 TX Austin, "Z-ROCK, // 106.9 Houston	473	1444 KROF 105.1 LA Abbeville	432
2331 KUEZ 99.1 TX Lufkin, o	411	1456 WQMI 99.7 MS Jackson, s	624
2346 KJZS 106.9 TX Conroe-Houston, Z-Rock, /106.9		1457 WDXJ 96.3 MS Jackson, MIX 96.3	
7/23 tr		1523 KTDY 99.9 LA Lafayette, ID, a/c	624
0605 KDMX 102.9 TX Dallas, Mix 102.9, a/c		1532 KBEL 107.7 LA Lafayette	
0606 KWHT 106.1 TX Brenham, K-TEX 106, k, ads		1602 WCKW 92.3 LA New Orleans, class r	531
0737 KBUS 101.9 TX Paris, K-BUS, ads	549	1606 KAYD 97.5 TX Beaumont, k	356
0748 KDOI 106.5 TX Jacksonville, ads, EZ mx		1918 KHIA 99.5 LA Lake Charles, LA-99, o 397	
0751 KYSX 105.7 TX Dallas, KISS Traffic, wx		1923 WTQE 100.7 LA Baton Rouge, r, The Tiger	
0753 KYKX 105.7 TX Longview, k, ads, wx 486		1925 KTQO 100.9 LA Sulphur, wx, ads	391
0755 KJCS 103.3 TX Nacogdoches, k		2242 KAPB 98.7 LA Alexandria	783
1858 KIOCTX Orange, Power Hits K-106, r	366	2258 KLLI 95.9 TX Hooks, Thunder 95.9	558
1930 KRYX 104.7 TX Bryan, Mix 104.7, a/c 336		2311 K259-99.7 TX Sugarland, rep. of KSBJ	
1940 KEYI 103.5 TX San Marcos, KEY 103, a/c "The Hits of the 80s and the Best of the 90s"		2320 KYKS 105.1 TX Lufkin, KICKS 105, k	411
7/24 tr		2328 KISX 107.3 TX Tyler, "W. TX New Mix	
0455 KLSA 90.7 LA Alexandria, s mx oldies //88.9	483	107.3"	465
0457 KLDN 88.9 TX Lufkin, Red River Radio, //90.7		7/26 tr	411
0505 KCBY 90.9 TX Dallas, g a/c mx	473	0258 KLDN 88.9 TX Lufkin, Red River Radio	
0506 KNCT 91.3 TX Killeen, c	362	0300 KCBY 90.9 TX Dallas, Sunshine Radio	
0510 KKBQ 92.9 TX Pasadena, 93-Q Country	297	0313 KWRN 97.7 TX Rusk, "CD 97.7", o	432
0512 KSCS 96.3 TX Fort Worth, k	473	0321 KMRK 97.3 LA Kaplan, k, ID	426
0513 KLLI 95.9 TX Hooks, Thunder 95.9	558	0326 KCOV 103.1 TX Copera Cove, k, ID	362
0521 KOOL 106.5 TX Jacksonville, EZ mx	440	2212 KHTP 90.9 TA Tampico, "R. Tamalipas, //92.3	255
0527 KWRN 97.7 TX Rusk, The New CD 97.7	432	2221 KXPP 93.5 TA Tampico, "La Aguasteca" ranchera-cumbia mx, ment of 30 kw/24 hrs	
0530 KUEZ 99.3 TX Lufkin, o, ads	411	2249 KH- 103.1 TA Tampico, "Estereo Recuerdo", TC musica romantica, musica pop	
0531 WQMI 99.7 MS Jackson, s, ads	624	7/27 tr	
0540 KTOY 104.7 AR Texarkana, "104.7 FM playing the hits", IDs	561	0535 KHINK 99.3 TA Nuevo Laredo, cumbia ranchera mx	
0544 KYKS 105.1 TX Lufkin, ads, k	411	166	
0545 KYKK 105.7 TX Longview, k	486	0542 KZTQ 106.1 TX Laredo, o	166
0550 KJCS 103.3 TX Nacogdoches, k	430	0552 KEAN 105.1 TX Abilene, wx, k	472
0552 KTBQ 107.7 TX Nacogdoches, a/c	430	7/28 tr	
0635 KZPS 92.5 TX Dallas	473	2017 KWCB 89.7 TX Floresville, tefano-cumbia mx, ID, wx	
0729 KYSX 106.1 TX Denton-Dallas, KISS-FM, r		8/1 Es	
7/24 tr cont. from a condo overlooking the gulf at South Padre Island beach.		2120-2140 unIDs 907 Jap. mx, 91.1 promos for bible school in Tampa, 90.9 EZ, 90.5 g	
2007 KAJN 102.9 LA Crowley, "Louisiana's Gospel Station"	473	2129 KJND 89.9 Spanish Caribbean style mx	
2014 KMAQ 102.1 TX Houston, "102 JAMS", s		2139 KQZY 95.9 GA Dublin, "The CD Hour", k	
2019 KRMF 104.5 TX Orange, o,	366	B/3 tx	
2020 KIOC 106.1 TX Beaumont, Power Hits 106		0453 KPEZ 102.3 TX Austin, Z102	302
7/25 tr		0453 KJNE 102.5 TX Hillsboro, ads, wx, k, ID	
0700 KIPT 93.7 LA Shreveport, Sunday morning gospel mx	509	0459 KMDZ 102.9 TX Dallas, MIX 102.9, a/c	
0712 WYCR 94.1 LA Kentwood, "Young Country", ads, wx	549	0500 KPLF 104.3 TX Temple, k	359
0718 KOLL 94.9 AR Maumelle, Goodtime Oldies		0502 KYSX 106.1 TX Denton, r	506
0719 KQID 93.1 LA Alexander, 93-QID, r-a/c		0508 KNKC 107.7 TX Austin, The Knack, r	302
1026 KITX 94.7 MO Springfield, ID, "McDonalds Country Countdown", ads	821	0513 KWHT 93.3 TX Killeen, "Texas Hot Country", k	362

Steve's massive report to be cont. next month.

SEPTEMBER 1993

NORTHERN FM-DX

GREG CONIGLIO

5100 GLENWOOD DRIVE

WILLIAMSVILLE, NEW YORK 14221

e-mail: coniglio@acsu.buffalo.edu

For DXers in MA, NH, VT, CT, MA, RI, NY, PA, NJ, OH, MI, IN, IL, WI, MN, IA, NE, SD, ND, MT, WY, ID, WA, OR, AK, Canada

SEPTEMBER 1993 — DEADLINE The 5th — LOG CUTOFF 6 months from postmark

There were quite a few days with FM skip in July. However, no real "monster" openings occurred, many openings, although strong, were spotty and short lived. Most of the activity was the first week of July especially the 3rd and 6th. Near the end of July and the start of August there has been some sign of skip picking up again, though it may be too little too late. Not much tropo to report at all, although there was a major trop opening during the Nashville convention. Perhaps there will be reports in Southern FM of this opening. Let's hear from you this month!

SAUL CHERNOS 57 BERKELEY STREET TORONTO, ONTARIO M5A 2W5 (416) 304-0725

JULY 1993 DX

1 Es (Toronto-Mississauga suburb)	
1249 WKPX 88.5 FL Sunrise	
1250 WMMZ 93.7 FL Ocala	
1257 WLYQ 91.5 FL Ft Myers, Joy FM 91.5	
1300 WMFE 90.7 FL Orlando, c	
1304 WKRY 93.5 FL Key West, Key 93	
1347 WQIK 99.1 FL Jacksonville, your hot country hit-kicker FM 99 WQIK	
1350 WXKB 103.7 FL Cape Coral	
1400 WAPE 95.1 FL Jacksonville, calls	
1402 W-PI 88.3 GA Jesup	
1402 WTIG 88.3 FL Starke	
1412 WMNF 88.5 FL Tampa Latin and jazz	
1419 WNEB 94.3 FL Lake City, B-94	
3 Es (Burnt River)	
1603 WMPN 91.3 MS Jackson	
1615 WRKF 89.3 LA Baton Rouge	
619 KXKC 99.1 LA New Iberia, Hot Country 99.1	
1640 WTYX 94.7 MS Jackson, Oldies 94.7	
1647 KSMB 94.5 LA Lafayette	
1724 WVMX 99.1 MS Greenwood	
1727 KDEA 93.7 LA New Iberia, ex 99.1	
1835 KJW 94.5 AR Helena, k	
1837 KIPR 92.3 AR Pine Bluff, Power	
1843 KAMS 95.1 AR Mammoth Springs K-Country-95	
1850 KKLK 94.5 MO Poplar Bluff	
1851 KTCS 99.9 AR Fort Smith	
1851 WHKX 99.9 FL Lafayette Kix 99.9, k	
1853 KQUS 97.5 FL Hot Springs	
1855 WBGM 98.9 FL Tallahassee, calls	
1859 WKNB 94.5 FL Port St Joe, B-94.5	
1904 KBBQ 100.7 AR Fort Smith, ex 100.9	
1906 KTTS 94.7 MO Springfield, Ozark's County Weekend	
1922 WMPR 90.1 MS Jackson	
3 Tr (BR)	
1814 WQLN 91.3 PA Erie, see comments	
6 Es (Toronto-east side of city)	
1220 KUAD 99.1 QM Windsor Colorado's country favourites K 99	
6 Tr (Toronto-east city limits)	
1253 WBZ 93.7 PA Pittsburgh, r, B94	
0316 WLGN 99.7 MI Midland, g	
0327 WHBC 94.1 OH Canton, HBC-FM	
0405 WGRY 101.1 MI Roscommon, k	

SAUL'S COMMENTS ARE ON
THE NEXT PAGE

NORTHERN FM DX

SEPTEMBER 1993

SAUL CHERNOS' comments (DX on previous page)

I had Spanish program // 91.3 on 91.5 and 91.7 Greg says it was WQNE splashing over or something (yep they have been putting out signals on those freqs, and 91.1 and 90.9 as well, since at least May. They fooled me that day too!-gc). Had it/them on car radio during an Es full. Do they count as separate stations? (I don't know what club rules are for something like that?-gc) July 11 atop Scarborough Bluffs in east Toronto, WBEE Rochester is so strong that it over-rode local CISS on 92.5 in one area. 99.7 Palmyra NY also held its own despite CKRM 99.9 Speaking of CISS, July 25, had dance music on 92.5 and "Kiss 92.5" slogan. Toronto's new country FM, CISS, has same slogan. Turned out to be Toledo. July 17 weekend, a station broadcast the Molson Indy car races. In previous years it has been CIDX on 91.9. This year 106.3 and so weak some local DXers didn't get it. July 23, CBC relay on 91.5 & 94.3 // 105.9 105.9 and 107.5 to be replaced by 91.5 this September, with commercial AMers going to FM. Will report full details next month. 94.3 is a new relay in Huntsville. Both seemed to sign on late in the day, so I suspect still prepping. 91.5 tested a few years ago but signal was poor and the switch wasn't made. This time it seems stronger, I logged it in Toronto. Sounds like Nashville was a Texan blast, sounds like the event was well put together and wish I could have gone. On with the fall traps!

73's Saul

BILL NIENAJADLY (KF2OK) - PO BOX 2999 - CLIFTON, NEW JERSEY 07015

Equipment Fisher FM 889 tuner, 2 110 kHz filters, 6 element antenna

JUNE 1993 DX

12 Es (finally!)

1223 WCTQ 92.1 FL Venice, Es peat yearly!
1225 {WIKX} 92.9 FL Punta Gorda, ex WQLM
1238 WYUU 92.5 FL Safety Harbor, burnouts
1246 WMTX 95.7 FL Clearwater, Mix 96 yawn
1253 WXCY 95.3 FL Homosassa (hmmm, something new for a change!)

1300 WMFQ 92.9 FL Ocala Q-Lite

1313 WRKX 96.1 FL Bonita Springs, 96 K Rock
1321 WDDQ 92.1 GA Adel "Truckstop. exit 10 Adel" all adds

1331 WRLX 92.1 FL W Palm Beach, Relax 92.1
1337 WEOW 92.5 FL Key West. Wow 92.5 and Future hits Program

1350 WZEW 92.1 AL Fairhope 92 Zoo zzzzzz
1405 WLUN 95.3 MS Lumberton, legal ID

1409 WDJC 93.7 AL Birmingham

1420 WJMI 99.7 MS Jackson

1433 WPCF 100.1 FL Panama City Bch, local

1436 WOOF 99.7 AL Dothan, Woof, snore, yawn!
1500 KCMA 92.1 OK Broken Arrow

1523 KXLS 99.7 OK Tulsa

14 Tr (very strong)

2302 WEHN 96.7 NY E Hampton, full scale

2304 WBLQ 99.3 RI Block Islands, full scale

23.4 WCTK 98.1 MA N Bedford, full scale

2315 WJFD 97.3 MA N Bedford, Portuguese

2315 WXTK 94.9 MA W Yarmouth, full scale

2320 many New England and Long Island full scale

22 Es

1737 WTUG 92.9 AL Tuscaloosa

1743 WRQQ 102.1 MS Monticello Q102, MS wx

1755 WTYJ 97.7 MS Fayette WTYJ WMIS nx

1759 WJMI 99.7 MS Jackson

1808 WBKN 92.1 MS Brookhaven

1832 KZOC 92.9 KS Osage City
1846 KTGL 92.9 NE Beatrice
1852 KEFM 96.1 NE Omaha, (zzzz, yawn snore), hi Mike?
1914 KMQE 92.1 MO Butler ments of St Louis Cardinals ball game later on
1930 KICT 95.1 KS Wichita

24 Es

1400 MUF to FM 94.5 1430 approx, no IDs
1732 WBKN 92.1 MS Brookhaven
1742 WDLJ 96.9 MS Indianapolis
1900 WJMG 92.1 MS Hattiesburg
1906 WBLX 92.9 AL Mobile
1907 WVFI 93.3 GA Manchester, Christian mix
1910 WXUS 100.5 AL Fort Rucker LS100 k
1913 WKCN 99.3 GA Lumpkin, Kisang Country
1915 WXDJ 95.7 FL Homestead, se habla Espaniol

1920 WRJM 99.7 GA Geneva
1922 WLUN 95.3 MS Lumberton, 3rd time heard this season
2015 WLRQ 99.3 FL Cocoa, Brevard County lame music, yawn zzzzzz

JULY 1993 DX

3 Es

1750 WIXR 92.1 FL Macclenny home shopping
1755 WDDQ 92.1 GA Adel exit 10 Adel
1830 KZOC 92.9 KS Osage City
1840 KYEZ 93.7 KS Salina
1847 KJNA 99.3 LA Jena
1850 KRVV 100.1 LA Bastrop burnout city!



P.O. BOX 5398, GAINESVILLE, FL 32602

NORTHERN FM DX

BILL NIENAJADLY's report continues...

SEPTEMBER 1993

JULY 1993 DX

5 Es

1821 WQUE 93.3 LA New Orleans

1822 WZEW 92.1 AL Fairhope

6 Es

1848 KSD 93.7 MO St. Louis

2030 strong tropes to the east

12 Es

1842 KYKK 105.7 TX Longview, (song-case of beer fell off my pickup truck now I'm cryin + drunkin) hi hi

.848 KSYN 92.5 MO Joplin, ment nearby areas

1850 KFXI 92.1 OK Marlow, loca. ments

24 Es

1205 KRLS 92.1 IA Knoxville or Nocksville?

1210 KTGL 92.9 NE Beatrice, Eagle

1213 KIOA 93.3 IA Des Moines, oldies, talking about Des Moines water works

1223 KRNA 94.1 IA Iowa City/Cedar Rapids all Iowa Fair Durham Downs local ments

Much E-skip but much of it was short lived with many of the openings a half hour or less to minutes at best. I did note MUF to 107.9 twice but none of it lasted long enough to ID it. After a horrible spring, I'm glad it came back. No blockbuster trop though. A few Boston, Providence, New Bedford stuff but no deep North Carolina stuff. July 30th 1993 I passed my Extra Class Ham Radio License with a long time dream realized (Congratulations Bill!-gc) What next? Maybe a First Class radio telephone or a commercial license someday where I could work on commercial radio and TV transmitters. hmmm. Well anyway, good luck Bill KF2OK AE

RICHARD CONTONE - 162-07 87th STREET - JAMAICA, NEW YORK 11414

MAY 1993 DX

31 Tr

1442 WDRE 92.7 NY Garden City, 3-stereo 13



JULY 1993 DX

13 Tr

1700 WHTG 106.3 NJ Eatonton, not much 26

22 Tr

2125 WJLK 94.3 NJ Asbury Park, this station IDs with WQNJ 98.5 Ocean Acres, NJ. I wrote a reception report but still in mail 29

WDRE IDs with a WI- in Philadelphia. A contemporary hard-rock station station (L dislike it, but want the one in Philly. Possibly with WIOQ 102.1 but FM Atlas says "slow rock". (It is WIBF 103.9 Jenkintown/Philly that they are parallel to: WIOQ is "Q102" and dance music. On July 6 I received a WEHM which advertises as "East-end radio". I found that it originated from Eastern Long Island, NY, which I call Suffolk County. From me to Suffolk Co. border is 35 miles by car, but it was interesting that it came over WKHL Stamford, CT on 96.7. I always get WKHL "Cool FM" because of its power, so this WEHM was rare. No list in the FM Atlas on 96.7, I guess coming from the Hamptons (yep, E. Hampton, it is a new station)-gc). Looking for it under WKHL. Another A WJUX-FM 103.1. I think that it is coming from a transmitter in Wayne, NJ using a transmitter that once was on the educational band on 88.7 MHz. FM Atlas lists as WPSC. Call themselves "Jukebox Radio". Get them under WBZO 103.1 Bay Shore. They serve Hackensack, NJ, which is 20 miles from me. Note. I just equipped myself with a bandstop filter for VHF-HI TV attenuation for FM reception. I built it from a filter design using LC traps. Club for 7-23 log. I switched to MW longwire antenna from all band TV used dual amplifier - perfect!

73, Richard Contone

WORTH REPEATING

Extracted from an editorial in the Sun Times, Open Sound. Radio Fugue FM in Compiegne, France, plans this summer to broadcast a special sound wave for mosquitoes.

The station intends to broadcast an ultrasound inaudible to humans at the frequency emitted by male mosquitoes, to keep the females away. The signal will create a bubble with a radius of four metres around the radio free of biting mosquitoes," Fugue claims.

The prospect seems attractive. Perhaps we should be sending the newspaper in circulation.

TORONTO STAR

Saul Chernes

NORTHERN FM DX

SEPTEMBER 1993

DAVE NIEMAN 12284 NICE ROAD AKRON, NEW YORK 14001-9529

Equipment: Carver TX 11 tuner Channel Master Stereo Probe 9 at 30 feet AGL on crankup tower. (926 feet ASL) Alliance HD 73 rotor and RG 11 coax. New loggings are underlined. New call KKKK New propagation mode WWWW

JULY 1993 DX

		JULY 1993 DX		
1344 WKGK	98.7	FL Fort Pierce, "The Gator 98.7", rs	1099	6 E skip
1340 WRBQ	104.7	FL Tampa, "The Q 105", KS	1061	1200 KCIV 99.1 NM Clovis, call KS 144H 1218 KCSU 90.5 CO Fort Collins, call rps 1974 1300 KSEC 93.1 CO Lamar call, KC 93, KS 1301
1340 WJTF	91.7	FL Gainesville, call, "Love 91", RS	941	

"Wow" after looking at Greg Coniglios report and others in the August VUD I did miss some good DX in June. What I didn't miss was one of the best and biggest WFTA conventions in years. Hosts Doug Smith and Tom Bryant must have spent every waking hour for months planning it. Everything ran smoothly; the hotel staff were warned about DXers and what they might see coming thru their lobby (antennas & electronics gear). I thought the hotel staff would think we were CIA setting up a surveillance of Nashville and the surrounding area or a sting operation. DX from the hotels 6th (top) floor was better than I imagined. The FM band was loaded with stations and not all local. Loggings of 300+ miles were common, and the view from downtown was spectacular. Glad I didn't miss this convention. Thanks Tom Doug you both did a great job and thank to all Nashville area broadcast stations, Opryland USA & businesses for your contributions to the 1993 WFTA Nashville Convention goodie bag. Tom Doug, how about 1994 see you both in Nashville again?" Ha - Dave

DAVE NIEMAN - HO STA GHF - ROAD ROCK CITY, NEW YORK

Equipment: Carver TX 11 tuner IF filter modified Antennacraft FM 10, at 25 feet AGL (2415 feet ASL) Winegard FT 7600 variable FM trap for 95.7mHz, RG 6 coax and Radio Shack rotor. New loggings are underlined. New call KKKK New propagation mode WWWW

JULY 1993 DX

		JULY 1993 DX		
1340 WZLZ	97.5	NY Watertown, "CIZ FM", rs	1144	1310 WZLZ 97.5 NY Watertown, "CIZ FM", rs over WKYN St. Marys PA 188
1523 WMCL	89.7	FL Miami, call, S LA Alexandria,	1145	1539 WSKQ 97.9 NY New York, SS, LS 246
1520 KQID	93.3	FL Miami, "93 QID", rs	1042	1658 WWDAC 94.5 PA Lancaster, call, RS over WNED Buffalo, NY 187
1511 WPOW	96.5	FL Miami, power 96%, rs	1147	1818 WHLR 96.3 DC Washington, call, S 22.1
1600 KTRU	90.7	TX Houston, ID 16	1268	July 20th I replaced Antennacraft FM 10 with phone on the show
1600 KPTF	90.1	TX Houston, ID, is SS	1263	Channel Master model J300 Stereo Probe 9 29 tropo scatter
1600 KRTS	92.1	TX Lubbock, "Houston's fine arts station", rs	1259	1827 WPCT 97.5 NJ Trenton, call RS 228 WKYN St. Marys PA off temporarily
1613 KLOI	101.1	TX Houston, "Houston's 77", + call, rps	1279	30 tropo & scatter
1650 KERA	90.1	TX Dallas Ft Worth, Denton, ID, rs	1202	1400 WZQD 99.7 NY Danville, ID WMH 102.9, ss, 55
1755 WXXB	103.7	FL Cape Coral, 8 103, rs	1067	1536 WQRI 97.1 NY New York, "Hot 97", ss New York's hottest music 248
1657 WKCG	90.7	FL Panama City, call, rs	912	1918 WLGA 100.7 FL Tampa, Tampa Bay, W 101, rs 90.4
1905 KJJC	88.5	MO Kansas City, call, rs	883	1923 WAYL 88.7 FL Fort Myers "way FM", gbs 1100
141905 W214AA	90.7	NY Corning, "WSKG 99.3", cs	71	1935 WMNF 88.5 FL Tampa, call, RS 1001
5 tropo				1945 WYFE 88.9 FL Tarpon Springs, call, RS 968
0720 WRTI	90.1	PA Philadelphia, Jazz 90+, rs	217	31 tropo & scatter
0729 WBBC	93.3	OH Youngstown, call, os over WWSF Jamestown, NY	130	WNUC 107.7 Wethersfield NY off this morning for a couple hours
0731 WQZS	93.3	PA Meyersdale. The all new 02 93, rps, over WWSE Jamestown, NY	157	0741 WHBB 107.7 MI Alpena, "107.7 R&B", rs 317
0741 WLKJ	94.7	WV Elkins, ICI wx + 95 PM, rms	225	0748 WFSP 107.7 WV Kingwood, sunny 107.7, call RS 253
0804 WPRX	100.1	PA Altoona, call, rs over ICI WBRR Bradford, PA	105	0751 WGNA 107.7 NY Albany, country 107.7 + call RS 232
0811 WYSN	101.7	PA Central City, "Sunny 101.7", rms	133	0815 WBZW 107.7 OH Louisville, call, + oldies 107.7, os 212
0843 WALY	103.9	PA Bellwood, "Wally 104", os over WLMF Kane, PA	100	0836 WBKR 107.7 MI Portage call, rps 352
0935 WGTY	107.7	PA Gettysburg, Country 103.9, KS, over WNLG Wellersfield, NY	169	0916 107.7 "***** rock n country, thunder 107.7", rks ***
1037 WCBS	107.1	NY New York, New York's oldest station CBS FM, os	248	AUGUST 1993 DX
17 tropo				1 tropo & scatter
0312 WXLK	92.3	VA Roanoke, K 92, rs	313	0411 WIRQ 92.3 MD Baltimore, 92 Q, ICI wx, call, RS WRRN Warren PA 011 for the night 20H
0417 WJPA	95.3	PA Washington, call, os	156	0932 WSNC 92.1 PA Lock Haven, sunny 92 area ads, rms 78
26 tropo & scatter				
1343 CHCD	94.3	ON Orillia tMong CBC radio 105.9 Orillia	185	

Took down the FM 10 and put up a Probe 9 at the same height. I didn't take too much time to play around with it but I did notice more gain, better nulls and a much better front-to-back ratio. Day

SEPTEMBER 1993

NORTHERN FM DX

BRUCE HALL - 5 STIRTON AVE., - BRANTFORD, ONTARIO CANADA N3T 1E2

Equipment: JVC JRS201 receiver (IF mod with 3 110 kHz filters), Magnum Dynalab Sleuth 205 amp. Probe 9 fed with RG6 at 50' AGL. Crown rotor distances are in kilometres.

JULY 1993 DX

		JULY 1993 DX		
5 Tr		6 E skip		July 21 TrS (3 Buffalo stations off the air)
2200 WMHI	94.7	NY Cape Vincent, g legal	337	0012 WKW 106 SWV Clarksburg, calls sung out and Clarksburg heard k 426
2228 CKKL	93.9	ON Ottawa, r Cool FM Fewer commercials and less talk, the new Cool FM 447	106.5	0049 WHLM 106.5 PA Bloomsburg, New Mix 106.5 and calls also heard 394
6 Es				0123 WSTO 96.1 KY Owensboro, r 96STO

1700 CBKE 97.7 SK Regina, im, CBC ID heard in French 5th PROVINCE head 2025

1721 WTBX 93.9 MN Hibbing, r calls, yll 1099

1724 KXLP 93.1 MN New Ulm r, local ads 1147

1726 KKWO 92.5 MN Warroad, k, KQ92 "Gibson Miller Band, Texas Tattoo on KQ92" 1327

7 Trs, Tr

1208 CJRQ 92.7 ON Sudbury Q92 weather 380

1341 WDSY 107.9 PA Pittsburgh, k, "today's hot new country here's Pam Tillis on Y108" 299

1413 WENZ 107.9 OH Cleveland, "Helping to preserve our environment 107.9 The End" 213

Energy 108 running at low energy thanks for tip Greg



REAL ROCK
FQR NEW ORLEANS

Thanks Greg for tips on Low Energy 108 and your 3 locals off info Netted 7 new ones thanks to you. Especially pleased with WSTO at 829 km in Full Stereo! Sitting here writing this, enjoying the midnight skyline of Nashville with Doug Smith working the 2m ham band and Mike Hawk working the FM. It's Sunday night and the 93 convention is winding down quickly. This report concludes my 4th convention and I feel quite strongly that Doug Smith and Tom Bryant deserve several kudos for what I consider the new high standard that all future conventions will be compared to. Every detail was looked after so well by Tom and Doug and they even used their southern hospitality to open up the band for the BEST TROPO of the season! Thanks guys for the dance at "Tropo City USA" 73 dB

GUS MANCJSO - 5615 INWOOD STREET - HYATTS, MARYLAND 20785

From Atlantic City, NJ, S.W. side of Caesar's Palace

MAY 1993 DX

		MAY 1993 DX		
13 Tr		1930 WQNJ 98.5 NJ Ocean Acres, simulcasts with WJLK 94.3 Asbury Park		WHTQ/ORLANDO
2050 WZN 106.7 NJ Cape May news				
14 Tr				Continuous Rock & Roll
0655 WSHU 91.1 CT Fairfield				
0715 WLIF 101.9 MD Baltimore				

STATION NEWS: WBNJ 105.5 Cape May Courthouse NJ is now country, WEGX 106.1 in Philadelphia is now WJJZ, and jazz. Still not on are 105.7 and 107.3 in south NJ. Have picked up 56, 16, and 4 new stations the last 3 summer trips respectively. Time to try Foxwoods casino in Connecticut. Note: moved to the usually more lucrative NE side of building for the second site, but did not get any new loggings.

REPORT TO THE V.U.D. TODAY!!

NORTHERN FM DX

SEPTEMBER 1993

JEFF FALCONER - PO. BOX 63 - CLINTON, ONTARIO N0M 1L0

Equipment: Magnum Dynalab FT 101A, Probe 9 at 27° with rotor, RG 11 feed. Magnum Dynalab 205 preamp

MARCH 1993 DX

3 TS

1741 WASH 91.9 N Huntington rs\$ ID 277

7 MS

0103 KVIL 103.7 TX Dallas "KVIL home of the best"

APRIL 1993 DX

9 TS

0027 (WORD) 101.5 PA Pittsburgh g\$ Dex WPIT 234

0034 (CKGE) 94.9 ON Oshawa rs\$ ex CKQT 135

14 TS

2041 WKSB 102.7 PA Williamsport, ads\$ 284

2100 WKB 94.3 PA St. Mary's, o\$ and ID easier now that WEOZ is off the air 213

17 TS

1843 (WYGY) 96.5 OH Hamilton k\$ Y96. ex WZRZ 327

1848 (WMMX) 107.7 OH Dayton, rs\$ Mix 107.7 302

18 TS

1827 C-MJ 100.3 ON Ottawa, rs\$ Magic 100 313

MAY 1993 DX

15 TS

1402 WEC 91.5 IN Richmond, ID no\$ 314

JUNE 1993 DX

12 Es

1150 WJXR 92.1 FL Macclenny, k\$ 921

1153 WLJS 91.9 AL Jacksonville, rs\$ "Hot Rockin' 92-J"

1201 WJWF 88.1 FL Pensacola, o\$ ID 964

1206 WBHY 88.5 AL Mobile, g\$ 963

1207 WFIT 89.5 FL Melbourne, ID\$ 1074

1209 WALK 92.9 KY Lexington k\$ K93 Trs 415

1213 WJDB 95.3 AL Thomasville, ID Alabama Power 893

1251 (WYJO) 91.5 FL Ft Myers, g\$, Joy FM, previously heard as WSRX 1186

1300 WLRN 91.3 FL Miami, ID\$ 1236

1302 WMCU 89.7 FL Miami, ID w/o\$ 1236

1334 WRMB 89.3 FL Boynton Beach, address 1183

1514 KTUX 98.9 TX Carthage rs\$ Tux 99 1056

1520 KAGG 96.1 TX College Station, ads\$ 1214

1521 KYKZ 96.1 LA Lake Charles k\$ Kicks 96 1016

1524 KWKH 94.5 LA Shreveport, k\$ Radio Ranch 1016

1525 KITT 93.7 LA Shreveport, ID\$ 1016

1526 KSSN 95.7 AR Little Rock, k\$ Kissin 96 840

1527 KEGL 97.1 TX Ft Worth, rs\$ The Eagle 1140

1532 KMOO 96.7 TX Mineola, k\$ 1071

2055 KSCS 98.3 TX Ft Worth, k\$ 1140

15 Es

1800 KUNC 91.5 CO Greeley, ID\$ 1210

16 Es

2047 WMMK 92.1 FL Destin k\$ K92 953

16 Tr

2107 WNJA 95.5 IL Chicago rs\$, ID 332

21 Es

1803 WPRK 91.5 FL Winter Park, rs\$ ID 1038

2000 KYNE 89.5 TX Tyler, g\$

June 21st Eslo, continued

2014 KPLX 99.5 TX Ft Worth, k\$ K-Plex 1140

2015 KRSP 105.3 TX Dallas, k\$ Young Country local CFCA stuff they have new calls but don't recall what they are, KYNG I believe-gc) 1117

2025 KCYI 106.7 TX Granbury, Coyote Rdo brm\$ 1174

2030 KSTV 105.7 TX Stephenville, ads\$ 1202

2033 KSSA 106.9 TX McKinney, Spanish\$ 1089

2057 WRR 101.1 TX Dallas, o\$ 1117

24 Es

1742 WHZ 92.5 SC Manning, k\$ Wheels 92-5 689

2045 WZRR 92.7 FL Stuart, ads\$ 1137

2049 WADJ 95.7 FL Homestead, SS\$ 1232

2050 WEDR 99.1 FL Miami, rs\$ 99 Jams 1236

2052 WRTQ 98.3 FL Goulds, Spanish\$ 1212

2054 WEOW 92.5 FL Key West, rs\$ Wow 92-5 1317

2056 WAIA 93.3 GA St. Mary's, ads\$, A1A 890

2059 WYUU 92.5 FL Safety Harbor, o\$ 1084

2100 (WXX) 92.9 FL Punta Gorda, ID\$ ex WQLM 1153

2102 WHTQ 96.5 FL Orlando, rs\$ Q-96 1042

2108 WZMO 103.9 FL Key Largo Spanish in stereo, Stereo Fiesta 1283

2128 WCMQ 92.3 FL Hialeah, Spanish\$ 1232

26 TS

0218 WRVF 98.9 OH Upper Arlington, k\$ River 262

1108 CIRV 88.9 ON Toronto, ethnic, ads, ex 88.7 108

1638 (WTKB) 100.7 PA New Kensington, k\$, "K-beat" ex WMXP 229

28 TS

0712 WDQZ 102.7 NY Webster, g\$, ID 208

JULY 1993 DX

1 Es

1909 KGNZ 88.1 TX Abilene, g\$, ID 1255

1923 W2072? 89.30H WKSU 89.7 Xtr (rs) 1186

1929 KACU 88.7 TX Abilene, ID\$ 1255

1930 KSYE 91.5 OK Frederick, ID\$ 1135

1931 KFLQ 91.5 NM Santa Fe, o\$ w/o\$ 1432

1936 KNFM 92.3 TX Midland, w/o\$ 1379

1938 KQZ 93.1 TX Amarillo, Texans BB\$ 1228

1939 KBAT 93.3 TX Midland, rs\$ Pur eRock 93 1379

1943 KECO 96.5 OK El Paso City, k\$, ID 1109

1946 KCLV 99.1 NM Clovis, k\$, ID 1328

1952 KZHQ 105.1 NM Albuquerque, rs\$ Z-Rock 1467

2006 (KERC) 107.5 NM Clovis, k\$, ex K220 1328

2029 KRZA 88.7 CO Alamosa, ID\$ 1346

2 TS

0000 CBON18 88.1 ON Sault Ste Marie CBC FF mono 243

0050 WBNS 97.1 OH Columbus, o\$ al new B97 262

0112 WGQ 97.1 M Escanaba, ads\$ 309

0153 WQZ 93.5 NY Wellsville, rs\$ ID too weak to tell if it is not, they are mono-gc, 209

102.9 K-Lite FM
CONTINUOUS LIGHT MUSIC

MORE GREAT DX ON THE NEXT PAGE!

SEPTEMBER 1993

NORTHERN FM DX

JEFF FALCONER's DX continues.

B TS

2100 (WWDX) 92.1 MI St. Johns, rs\$, The Edge ex WXMX 158

2123 WVAQ 101.9 WV Morgantown, rs\$ 287

10 TS

1157 (WPX) 102.3 MI Big Rapids, o\$ Power 102.3 Fm ex WAAQ 198

11 TS

0053 WDVE 102.5 PA Pittsburgh, rs\$, ID finally! 234

1025 W220AI 91.9 PA Meadville g\$ / WCRE 103.3 154

12 Es

1955 WJYR 92.1 SC Myrtle Beach, rs\$, Joy 92 700

1957 WLG 90.9 SC Hemmingway Radio Bahia 691

2044 WPAP 92.5 FL Panama City k\$, ID 957

18 Trs

1023 WVLK 92.9 KY Lexington, becoming regular 415

19 Tr

1749 WZQW 97.7 IN Goshen o\$, ID 260

1755 WD-B 106.3 IN Columbia City, rs\$ B106 263

1814 WXKE 103.9 IN Ft Wayne, o\$ 255

1837 WMR 106.9 N Marion, o\$ 300

1840 WWKI 100.5 N Kokomo k\$, ID 320

1845 WLBC 104.1 N Muncey rs\$, The New 104.1 309

1900 WERK 104.9 IN Muncie o\$, Oldies 105 WERK AM and FM Muncie-Anderson 309

1921 WNUY 100.1 IN Bluffton, o\$ Y-100 270

23 Tr

1844 WLST 95.1 WI Marinette, rs\$, Easy Rock 95 318

1846 WYB 103.9 MI Menominee promo for the Menominee County Fair\$ 318

1904 WNR 101.5 MI Iron Mountain, rs\$, Hits 101 355

24 MS

1139 KUNC 91.5 CO Greeley "The temperature in Greeley is" prev via Es 1210

WUFT-FM CLASSIC 89

ALAN R. MILLMAKER - 2714 LAKE ROAD - CENTRALIA, ILLINOIS 62801

KA9GJL Equipment: Lafayette 3030 receiver, Winegard 3030 antenna up 20 ft amplifier

1113B set to minimum or AOR scanner amplifier heard the following information on 7/

25/93 on 98.7 at 1217PM, weather forecast calling for a high of 103, remote from Wal-

Mart, then D of KLUV (Dallas Fort Worth, TEXAS) playing oldies then decided to tune up Lafayette 3030 First the oscillator was set on frequency, then the mixer was

adjusted for maximum on the high end of the dial and finally the antenna trimmer was adjusted in the same location. On morning of 7/27 I picked up these with antenna west

0127 WDLX 99.7 Louisville, Ky.

0132 WZPL 99.5 Greenfield, Ind.

0142 WXXP 97.9 Anderson, Ind.

I want to reverify that I heard KMZU and not KMTL as previously reported. The DJ that was on at the time said call letters wrong

SEPTEMBER 1993

NORTHERN FM DX

SEPTEMBER 1993

Mike Hawk, NOOSY - 10212 P ST - Omaha, NE 68127-2130
Equipment: Kenwood RT-815 tuner (IF mod), FM-10 at 30'

6/30 Es		1729 WMAU 88.9 MS Bude 733
0032 KNEV 95.5 NV Reno, Magic 95-5	1256	1734 WMXZ 95.7 LA New Orleans, Mix 95.7 846
7/1 Es		1859 KBNR 88.3 TX Brownsville, SS 1062
1743 WKNN 99.1 MS Pascagoula, ads	859	1900 KMEH 88.9 TX Harlingen, Classic 88 1043
1745 WABB 97.5 AL Mobile	852	1907 KBSD 94.7 TX Corpus Christi, Baco 94 930
1746 Left for work but had tape player going	2022	KBNL 89.9 TX Laredo, SS 967
1750 WQID 93.7 MS Biloxi	648	7/6 Tr
1812 WYSE? t 93.7 TN Dickson, station of central		2201 KZZD 91.1 KS Wichita, Z91, r 254
TN and also Nashville in ad. This would		7/8 Es
be state #47 and closest Es ever	587	1030 WAYJ 88.7 FL Ft Myers 1302
1815 WDJC 93.7 AL Birmingham, g	735	1034 WAYG 89.1 FL Sarasota 1230
7/2 Tr		7/9 Tr/Tks(KVNO, KGBI, KZKX, KLDZ off & KYNN
2308 KMZU 100.7 MO Carrollton, ID's. Heard		on w/open carrier after t'storm)
THROTTLE KGBI (100 KW local) on 100.6 and		0116 KXOW 96.9 KS Pittsburg, K97 272
100.8. Apparently KMZU has a wide signal		0910 KRDO 95.1 CO Colorado Springs 492
2312 KFMZ 98.3 MO Columbia, r	251	7/28 Tr
7/3 Tr		2300 KRMQ 97.5 OK Tulsa 350
0015 KBIA 91.3 MO Columbia	251	2315 KGND 107.5 OK Ketchum, K-Grand 342
0032 KMMF 107.7 MO St Louis, Magic 108; other		2344 KGLC 100.9 OK Miami, lcl ads 306
St. L's also heard		7/29 Tr
0111 KRRR 100.9 MO Canton, K triple R	248	2210 KQSK 97.5 NE Chadron, "97.5 and 106 FM"
7/6 Es		2215 KSDZ 95.5 NE Gordon, k 334
WZEX 99.1 NC Whiteville, The Fox	1060	2227 KRZZ 96.3 KS Derby, tough w/KEFM-96.1
1048 WNSC 88.9 SC Rock Hill, SC Pub. R	926	2305 KPNT 102.1 NE Alliance, Tri-102 357
1055 WRJA 88.1 SC Sumter, //88.9		950 Tulsa stns and some SD also in strong
1056 WEZK 97.5 TN Knoxville, TN#2		7/30 Tr
1101 WMAP 102.3 SC Pageland		962 0100 KILI 90.1 SD Porcupine, "Keeleee Radio"
1104 WPEG 97.9 NC Concord, Power 98		929 0120 KSCZ 99.1 KS ??, Channel 99. Note 1.
1107 WFSS 91.9 NC Fayetteville		1025 0811 KRYJ 96.3 MO St Louis, Juke Box 96 358
1312 WALK 97.5 NY Patchogue, Walk FM		1202 0815 WBPA 97.5 IL Pittsfield 298
1317 WCZ 97.5 NY Watertown, C12-FM	1042	1042 0855 KKHT 98.7 MO Springfield 313
1318 CHYX 96.7 ON Kitchener, Chime FM: mtn		0900 KYWD 88.3 MO Springfield, The Wind FM
of Kitchener. CL change?		0910 KRTZ 107.5 AR Mountain Home, Mix 107.5
1320 WKS 95.7 CT Hartford, Kiss 95.7	1210	Note 2 391
1330 Monterrey and Nuevo Laredo in to 102.9		0915 KKDY 102.5 MO West Plains 383
All relogs except for:		0930 KAMS 95.1 AR Mammoth Spring, o/KLDZ?
1331 XHNE 91.3 TA Nuevo Laredo	968	K Country 98 406
1333 XHRP 94.7 CL Saltillo	1128	1000 KWFC 89.1 MO Springfield 313
1336 XHSAB 89.5 NL Sabinas Hidalgo, bad audio		1005 KCVT 91.7 MO Camden, g 283
but \$ once again		1025 KOEA 97.5 MO Doniphan, k 424
1341 A FF station was heard on 94.9!		

Note 1: In a promo they mentioned 4 decades of service. That seems strange considering I have no record of them or the call signs on 99.1 or any other freq. Maybe its another stn on 99.1 who just changed CL's?

Note 2: Frank Merrill's success in logging 9600 miles worth of tropo on 106.7 inspired me to recalculate 107.5, in which I've heard 6620 miles worth of tropo.

DX in July was mediocre. Es took a dive, but not quite as bad as last year. Tropo was terrible until the last few days of the month. Still nothing beyond 500 miles this year. The best tropo this year was at the convention in Nashville. Texas and Oklahoma was seen/heard to distances approaching 800 miles. I had a great time, and Tom and Doug did a great job as hosts. I'm already looking forward to next years, as long as it is within a 2 days drive and is during summer (school and DX conventions don't mix). It's strange in how much this year's DX has paralleled last year's. Es started strong both years & ended abruptly in July. Tropo was slow until the end of July both years. Maybe that means August will have 8 days of tropo beyond 500 miles like last year? I hope so! 73

CFMX-FM 103.1



NORTHERN FM DX

MIKE BUGAJ - 69 SHERMAN RD - ENFIELD, CONNECTICUT 06082

Tuner is a Carver TX11 (IF modified) with Probe 9 at 30' agl. New underlined

JULY 1993 DX

2-Tr

0845 WQSR 105.7 MD Catonsville, cities
0845 WIOV 105.1 PA Ephrata, Cntry 105, rare

3-Es

1748 WHFX 103.3 GA Waycross, Fox 103

1751 WGTC 100.9 FL Gainesville, Hot k Hits

1752 WNCK 99.7 SC Pt.Royal, K 99.7, k

1759 WUSF 89.7 FL Tampa

1852 WSYE 93.3 MS Houston, Sunny 93

1852 WGRM 93.9 MS Greenwood

1855 WKTF 95.5 MS Jackson, country?
(Yeah, and new calls to go with switch-gc)

1900 WAER 88.3 MS Tupelo

1906 KTRX 93.5 MO Tarkio ID w/KNZL

5-Tr

0920 CHEZ 106.1 ON Ottawa, Chez 106, plus
other Ottawas

6-Tr

0630 heavy Norfolk and coastal Maryland

2250 WRSF 105.7 NC Columbia, k

2300 WMYJ 106.5 MD Pokomoke City, dual ID

with WKRE 107.5 which was also heard

11-Tr

0852 WDHJ 100.3 NY Delhi

12-Es

1934 WOGY 94.1 TN Germantown, Froggy 94

k, mention of Memphis area towns (Mike,
this is Germantown moved from 94.3, not the

94.1 Ripley CP-gc)

2007 KTXK 91.5 TX Texarkana

2016 WKWH 94.5 LA Shreveport, Radio Ranch

2035 KRMQ 101.1 LA Shreveport, k

2036 WMC 99.7 TN Memphis, FM100

2041 KYKX 105.7 TX Longview, Hot k Kicks

2043 KNUZ 101.5 TX Tyler

2051 KDGE 94.5 TX Gainesville, The Edge

JOHN EBELING - 9209 VINCENT AVE SO. - BLOOMINGTON, MINNESOTA 55431

All times are CST

FROM BLOOMINGTON, MINN. LOCATION:

JUNE 1993 DX

9-Es

1954 KNFM 92.3 TX Midland, k

1955 KODM 97.9 TX Odessa, Mix 97.9

2000 KELI 98.7 TX San Angelo

2015 KDCD 92.9 TX San Angelo, CD Country

2020 XHEC 91.9 NL Sabinas

2026 KVNE 89.5 TX Tyler, PSA for East
Texas Chns Center in Tyler

2029 KGNZ 88.1 TX Abilene

2035 KMTH 98.7 NM Majamar, +X SCA, c

16-Es

1725 KCEP 88.1 NV Las Vegas, I-15 traffic

1730 KSRR 92.9 TX San Antonio, note 1

1750 KBDR? 100.5 TX Mirando City, B100,

does this one have new calls?

1755 KZOR 94.1 NM Hobbs

1823 XHEC 91.9 NL Sabinas, g

25-Es

1950 WAKX 98.9 MN Duluth

1950 KUML 103.3 MN Duluth Public Radio

2000 WR_Q 94.5 WI Eagle River

2000 WSCD 92.9 MN Duluth

2004 KMFY 96.9 MN Grand Rapids

2005 KDKK 97.5 MN Park Rapids

2015 CITI 92.1 MB Winnipeg, 92 City FM

2015 CHIQ 94.3 MB Winnipeg, Q94 FM

2020 KBMP 101.1 MN Bemidji

25-Tr

2100 Coastal Tropo, WAA/WYFI/WOLC/WSLT,
Norfolk area, coastal NJ and MD

26-GW

2000 Some testing to the west with music (no
talk). Signal level about the same as Salisbury 98.1.
I think this is the new Sharon 103.3 testing.

30-Es

1755 WOOF 99.7 AL Dothan

1800 WRWA 88.7 AL Dothan

1800 WDCO 89.7 GA Cochran, Peach St. PR

1806 WPCN 100.1 FL Panama City Beach

1808 WESP 102.5 AL Dothan, Oldies 102.5

1812 WRCC 101.7 GA Warner Robbins, k

1814 WJAQ 100.9 FL Marianna, k

1821 WDJR 96.9 AL Enterprise

1844 WMEZ 94.1 FL Pensacola

1848 WTBB 97.7 FL Bonifay, 97.7 Pirate Radio

1914 WTVY 95.5 AL Dothan

1914 WRBA 95.9 FL Springfield, Bay 96

1930 WJT 90.1 FL Crestview, g

1931 WRBH 88.3 LA New Orleans

So much for July DX. Tropo this month was poor
On a scale from 1 to 10, ten being excellent, I'd ratethis Es season a 4. That's better than a zero, but
not worth much more than a yawn.

June 16th skip cont

1833 KNFM 92.3 TX Midland,

"West Texas Country Leader"

1837 KBAT 93.3 TX Midland

1841 KMRK 96.1 TX Odessa

1901 KKOB 93.3 NM Albuquerque

1930 KRZA 88.7 CO Alamosa

1933 KHFM 96.3 NM Albuquerque

1956 KAFF 92.9 AZ Flagstaff

2006 KNAU 88.7 AZ Flagstaff

17-Es

1930 KNAU 88.7 AZ Flagstaff

21-Es

1731 WSCL 89.5 MD Cambridge,

1737 WFBR 94.3 MD Cambridge, k (WICO-am)

1742 WYLT 96.1 NC Raleigh, Y96FM

1758 WSBF 88.1 SC Clemson

29-Es

1613 KIYE 92.3 CO Grand Junction, "KJOY";

2043 KUHF 88.7 TX Houston

more of john's dx to follow →

NORTHERN FM DX

SEPTEMBER 1993

JOHN EBELING'S report continues-

JULY 1993 DX

1 Es (Note 2)
 1650 KPVU 91.3 TX Pararie View
 1658 KIOJ 103.3 TX Freeport, g
 1702 KIVY 92.7 TX Crockett, local ads
 1706 KZFX 107.5 TX Lake Jackson, Z 107.5
 1715 KLLM 98.2 TX Columbus
 1719 KOHY 88.1 TX Laredo, +X SCA
 1724 KPLE 104.3 TX Temple
 1726 KVIC 95.1 TX Victoria
 1729 KVII 91.7 TX Dallas, g, Renewal Radio
 1731 KNTL 88.1 TX Denton
 1754 KGSR 107.1 TX Austin/Bastrop
 1755 KHKS 106.1 TX Denton/Dallas
 1800 KALK 97.7 TX Winfield
 1802 KWTX 97.5 TX Waco, a lousy ID
 1803 KMDL 97.3 LA Kaplan
 6 Es
 1729 KIQX 96.9 TX El Campo

MIX
99.9

Note 1: On this June 16th opening I had Spanish on 17 frequencies: 88.3, 90.1, 90.9, 88.9, 91.7, 91.9, 92.7, 93.3, 94.1, 94.3, 95.7, 96.1, 96.3, 99.7, 106.5, and 107.5 (John, they may have been double hop, I had 1700 miles reception to Monterrey at that same time-gc)

Note 2: On the way to the cabin, logged KSYE 91.5 OK Frederick (g) and KBIL 92.5 TX San Antonio (r) on the car radio, at about 2100. This Es season, I have been in Toronto from June 2-9 and also in British Columbia from July 7-14. Did not notice any Es in rented car drive from Seattle to Prince George, BC and back. As one might expect, FM band in Central BC is rather dead! That should about do it for now from MN. Regards from John Ebeling

MORRIS SORENSEN - 29 JANET BLVD. - SCARBOROUGH, ONTARIO M1R 1H7 CANADA

Equipment Panasonic RF-B65 with whip antenna

OK from Kempton, Ontario

JULY 1993 DX

9 Ti
 2258 CKOI 96.9 PQ Verdun, French, local ads
 "say kuhw" D (C-koi in French)
 10 GW
 2249 WNCO 102.9 NY Morristown, country mix, ID as
 "102.9 FM WNCO Morriston-Brockville, 1410 AM WNCO
 Watertown, Big Q Country", relatively new station
 11 Tr
 2059 WVNV 96.5 NY Malone, country, ID sung out
 12 Es
 1957 WLWF 88.1 FL Pensacola, L of W. Fla Radio
 1959 WLSP 88.1 GA Warm Springs, Peach State P.R.
 2047 WMXZ 95.7 LA New Orleans, rock music
 "New Orleans" Mix 95.7"

July 12 Tr

2157 WGIX 95.3 NY Gouverneur, ads, ID mentioning
 other stations on network, "full service radio"
 13 Ti
 2156 CHGA 97.3 PQ Maniwaki, rock, French news
 2259 WHEN 107.9 NY Syracuse, "County 108", legal ID
 14 Ti
 1050 CBQF 88.7 PQ Chapeau, French # CBF 880
 1336 CHOM 97.7 PQ Montreal, "chom" ID, baseball
 contest promo
 1341 CITE 107.3 PQ Montreal soft rock "Cite" ID in FF
 1426 CBF 100.7 PQ Montreal, French talk // CBOX 102.5
 I've recently rejoined WTFDA after an absence of a couple of years or so. I'm presently living in the Toronto suburb of Scarborough but do most of my DXing when I'm out of the city. Recent loggings come from Kempton, Ontario, near Ottawa (Welcome back, Morris. Hope to hear from you often-gc)
 73, Morris Sorenson

NORTHERN FM DX

SEPTEMBER 1993
 DANIEL OETTING - 600 W SCHUYKILL RD Y-8 - POTTSSTOWN, PENNSYLVANIA 19464

Equipment Harmon Kardon Citation 23 and rabbit ears

FROM EXTON, PA

April 30. (My 1st child was born yesterday at 0406 [Congratulations, Dan-gc] and here I am DXing the night away!)

Tr

2330 WSB 97.9 DE Selbyville, ID
 2335 WCXL 104.1 NC KB Devil Hills r

MAY 1993 DX

Ti

0800WNHW 92.5 NC Nags Head, k, ID

18 Tr

Strong Eastern Long Island relogs, 92.1, 95.3, etc

JUNE 1993 DX

12 Es

1234 WAYG 89.1 FL Sarasota, g

1238 WSRX 91.5 FL Fort Myers

1245 WYFO 91.9 FL Lakeland g

1246 WCTQ 92.1 FL Venice, k

1246 Had to leave Es

15 Tr

0605 WWNJ 91.1 NJ Dover Township c

0632 WFLM 99.1 MA Plymouth ID talk

0642 WCHN 105.9 CT Hartford, rp

16 Tr/Ts

0959 WVEC 88.3 PA Elizabethtown ID BBC news

1053 WSHH 99.7 PA Pittsburgh ad for McMurray

FROM POTTSSTOWN, PENNSYLVANIA

20 GW/r

2115 WSP 99.7 PA Mount Carmel, D, m.

"Spy 99.7" new to the airwaves

2130 WVOR 100.5 NY Rochester, m

21 Ti

0745 WEFX 95.9 CT Norwalk

24 Es

2010 - 2030 lots of S.Florida relogs, 88.9 to 105.9

2014 WRTQ 98.3 FL Goulds, Spanish

2016 WGYZ 93.7 FL Vero beach m

25 Es

0915 CBNG 88.7 NF Stephenville, CBC radio

0920 CKOZ 92.3 NF Corner Brook, rp, Oz-FM

ads for Newfoundland

14 Trs

1242 CFMK 96.3 ON Kingston, k, weather in Celsius, "Country FM"

29 Tr

1215 WKXZ 93.9 NY Norwich, m, Central NY ad

Hello DXers! I've moved again. I'm in North Coventry, PA (Pottstown post office). This time I'm about 15 miles north of my previous location of Exton, PA. I'm about 25 miles WNW of Philadelphia. I'm further away from the Roxborough transmission towers. The DX location I'm in is good. I'm on the north slope of a hill facing the town of Pottstown. DX to the south is pretty poor. Picking up Virginia is a rarity now. On the plus side DX to the north is quite good. I've received several Canadian FM's here, some new in only a month. Some fair amount of FM Es this year but the openings have been very short lived (a lot of people have been noticing that about this year's openings-gc). What ever happened to all day skip openings? Ocean City MD's WKHI 99.9 is now on 95.9. WWTR gone, 99.9 is now country, WWFG "Froggy" Shamokin PA's Spy 95 (95.3) reappears on 99.7 as "Spy 99.7" and 95.3 is now "Whistle" WSL, with rock

See ya, Dan O



NORTHERN FM DX

FRANK MERRILL - P.O. BOX 669 -MACOMB, ILLINOIS 61455

Equipment: same as usual

DECEMBER 1992 DX

0907 WMQF 107.5 M. shpeering	450
0930 WPEF 90.5 M Sturgeon Bay over WNL,wx, program announcements	330
0947 WIMK 93.1 M Iron Mountain	400
13.11 1802 KKTZ 107.5 AR Mountain Home	360
2323 KURB 98.5 AR Little Rock poor Tr on FM, but "raging" on JHF	420

JIM RENFREW - 61 WILCOX ST. - ROCHESTER, NEW YORK 14607-3832

(716) 461-2717 (h) (716) 494-1847 (Tu/Th) JVC auto radio all times EDT Distances are from Fred

JUNE 1993 DX

10 GW and Tr

1100 WBTF 101.7 NY Attica new calls not noted just non IDs (There was a mistake, Jim, Attica

is still WBTF WJER is in Dover, Ohio-ge,

1115 {WBBS,104.7 NY Fulton, new k format, and many non IDs

1120 {WKFH}104.3 NY Utica, lots of non-unids (Jim note they have finally gotten their new calls-ge)

1130 WBGB 93.3 OH Youngstown, probably the one with brief ad for Ohio Edison

11 Es (MUF 101.9, possibly 104.9)

1116 KEBC 94.7 OK Oklahoma City, lots of IDs, country, and local ads

1116

1124 KLAK 97.5 OK Durant, ads for Sherman TX local weather report, verified

1196

1140 KYKC 100.1 OK Byng Id, ads for Ada (BY says this one is a CP) (I verified them from this opening Jim they say they are brand new-ge) 1178

1151 KTKR 100.1 OK Poca City popped in over KYKC with temperature "In Ponca City" 1125

1214 KEBC 94.7 OK Oklahoma City, again 1116

1233 KSEC 93.3 CO Lamar, strong for 25 min. with many KLMR/KSEC/KC93 IDs. local ads

New STATE #26! No other Es at this time

Venfied (damn I knew I should have written them I heard them at the same time! ge) 1359

June 15 TrS & Es (MUF 91.9)

0927 WJCH 91.9 IL Joliet, presumed to be this with Family Radio // WFRW brief burst



SEPTEMBER 1993

FEBRUARY 1993 DX

7 Tr/GW

0200 WYDS 93.1 IL Decatur, D93.1, legal 100

MARCH 1993 DX

26 Tr

1939 KWNG 105.9 MN Red Wing, K-wing 310

27 Tr

2250 WOJB 88.9 WI Hayward, end of program, calls, 800-776-2689, that had been my most wanted FM

370

THIS IS IT, up to the end of MAY!

JUN 1993 DX

1 Es (MUF 101.3)

1323 WPCV 97.5 FL Winterhaven, ten.abve with country previously logged 1070

1329 WYFO 91.9 FL Lakeland same prayer requests as 6.15, IDed as WYFO at 1359, with gospel music QRM 1071

1331 WWRM 107.3 FL St Petersburg, Warm 107 with continuous relaxing favorites 1099

1334 WMNF 88.5 FL Tampa Cuban jazz and mention of Tampa Stadium 1084

1334 WSORI 90.9 FL Naples with religion 1199

1335 WMCU 89.7 FL Miami talk about Epcot Center, then "WMCU your radio" with WITR off at the ame, Es drops below channel 6 1209

1405 WDDQ 92.1 GA Adel, Tourist tape loop. Exit 10, locals ads ID 889

1408 WMLQ 104.9 FL Havana Weather for Tallahassee, N. FL and S. GA, Meadow 105 943

1410 WTUE 106.3 GA Boston ad for John McGee Auto in Thomasville, popped in w/CJBC 919

1412 WGWD 93.3 FL Gretna, ad with Quincy address fighting through WWSE 942

1416 WJAD 97.3 GA Bainbridge, mention of Albany minor league BB, poor u/WYXL 929

JULY 1993 DX

2 Trs

1308 CBF 91.9 PQ Mont Laurier parallel to CJBC 860 AM Toronto 257

.323 WKMZ 97.5 W V Martinsville, blew in over WCIZ with ad for Berryville, VA. Is this WQBE now? (No. WQBE is in Charleston,WV on 97.5)

Are those the calls you heard! ge) 255

1338 CITR 107.3 PQ Montreal, probably this one with French announcer for almost a minute in over WRCK 258

I hit a golf ball to the exact same spot from two different tees today and then all my TrS reception were less than three miles apart. Maybe I should have played the lottery today? (Jim if that happens buy one for each of us,hi) 6 Es

1247 WQUE 93.3 LA New Orleans, ads alls

1251 {KLEB}94.3 LA Galliano, catfish festival Terrebonne Health Center 94 Country non ID

SEPTEMBER 1993

NORTHERN FM DX

STATION NEWS: In West Palm Beach, Fla.

92.1 is now WRLX. They use the slogan "Relax 92.1". In San Angelo 92.9 is now KDCD. They are CD country also, presumably the satellite service. WNCQ 102.9 Morristown, NY (near Brockville, Ontario, in the "North Country" region of NY) is on the air with country. They relay 1410 AM WNCQ in Watertown. "They are Big Q Country", just like the old WNCQ 97.5 Watertown but probably with a lot less coverage than that 100kw station, hi. WMHR 102.9 in Syracuse, a religious station, now has a translator on 88.7 in Dansville, N.Y. KDJS 95.3 in Wilmer Minnesota is now on the air. In Connecticut, testing has been heard on 103.3 that is quite likely the new Sharon, CT testing. So look for that one to come on shortly. A widely heard change this season is 91.5 Ft Myers, now WJYO "Joy FM", and running parallel to WJIS 88.1 Bradenton another widely heard station. I don't know if they are always parallel though. In that same neck of the woods, WCMQ 92.3 Hialeah and W2MQ 103.9 Key Largo are no longer simulcasting, they have separate programming now. KZEB 95.5 Pleasant Hope, Missouri is on the air with classic hits for Springfield. Slogans of "B95" and "The B" have been heard. 104.5 in Indianapolis has indeed received its new calls of WGRL. They are now country and "The Bear". Detroit's 99.5 is now WYCD, to go along with it's "Young Country" format. CHYR 96.7 Lexington was heard on the air, with country WRED Gibsonburg Toledo is now using the slogan Toledo's Hit Country Y 95.7. Still WRED though. WRVC 93.7 Ashland, KY has gone oldies. WBVI 96.7 Fostoria Ohio is now using the slogan "Mellow Mix 96.7". Decatur IN has moved from 92.7 to 105.1. They are now WQHK-FM. "K105" and country music, serving Ft Wayne. Two other recent additions to that market are WGL FM 94.1 Roanoke, IN (talk) and WFBI 92.3 Ft Wayne (a/c). 104.9 in Muncie is now WERK FM and oldies which sounded satellite fed. Nearby WAXT 96.7 Alexandria is using the slogan "The Frog" and is country. WJAA 96.3 Austin/Seymour, Ind is on with classic rock. WKMO 106.3 Hodgenville Ky. was heard using the slogan "KMO country". WASE 105.5 Ft Knox Ky is "Oldies 105.5". WHIC 94.3 Hardinsburg, Ky. is now 50Kw according to a billboard and they do get out well.. They are country and use the slogan "Power 94.3". WMQQ 102.7 Springfield Ky was heard using the slogan Q-102.7 and was playing oldies. WKYR Burkesville, KY is now 107.9, and country. They don't say much though lots of dead segues! WKNK 99.1

Edmonton, Ky is on, with a slogan of "Kickin' Country 99.1" heard. WCKQ 104.1 Campbellsville, KY is on the air: "Q104 Central Kentucky's best music mix", and a/c not to be confused with "Q105, Central KY's best music mix", which is WWWQ Glasgow 105.3, and top 40. KGMO 100.7 Cape Girardeau is "Oldies 100". WRTB 106.5 Washington, Ind. was heard using "Bullet 106.5". They were "Real Country", satellite delivered I believe. KFFB 106.1 Fairfield Bay, Ark. is on the air. They had what sounded like traditional or gospel country music, but it was a Sunday morning, so that may not be their regular format. WHHM 107.7 Henderson/Jackson, Tenn. is on with country 93.9 in Selmer, Tenn. was also on the air WNBE 93.1 Alamo-Jackson, Tn. was running religion, and was "Good News 93" so I assume that is their regular format. Millington, Tenn. calls are now WYKL (98.1). They are "Cool 98" and are oldies serving Memphis. KHLB 96.3 in Blytheville, Ark. is using the slogan "96 Country". KJBR 101.9 Jonesboro, Ark. is still those calls, but is now "101.9 Kiss FM" and an adult based CHR or hot a/c. In Northeast Arkansas, a "Kickin' 107" was heard on 106.7, so perhaps Truman, Arkansas is on the air. WKYN 92.5 Wynne Ark. was heard playing oldies. WRNZ 105.1 Lancaster, Ky IDed with Harrodsburg and is oldies. WKYL 102.1 Lawrenceburg, Ky is on the air with an a/c format, no non-ID. This is in the Lexington-Frankfort area. WQTL 106.3 Ottawa, Ohio is using "Classic Hits 106". WDOH 107.1 Delphos, Ohio is country and "Winning 107". WBNL 107.1 Booneville, Ind. is adult standards and nostalgia, and in mono. WDHM 97.9 Salem, Ind. is on with mono religion. WEHR 105.1 Shepherdsville is on, with an upbeat a/c format "hits without the hype" 106.1 Newburgh, Ind (Evansville) is now WJPS FM and oldies. 99.9 Kettering Dayton is no longer WVUD, now they are WLQT, Lite 100. WPKO Bellefontaine, Ohio used the slogan "Lite Mix 98.3". 93.1 Lima is "Froggy 93" and satellite country. Calls sounded like WMRY or something, they were said too fast! 103.3 WFXF Indianapolis is no longer the Fox, now "The X", and still hard rock. WKKO 99.9 Toledo is now simulcasting wth WTOD AM. 103.9 in Louisville, Ky. is now WHKW "The Hawk" and SMN Hot Country. WTXF 100.5 Louisville is on the air as "The Fox", and album rock. Note the calls on 95.1 Glasgow, Ky are WGQC, not WPRX. 103.7 WBLN Murray, KY used "The Blend B103". Thanks Matt Sittel, George Greene Bruce Hall Saul Chernos Dave Nieman Tim Noonan, Jeff Falconer, Doug Smith Morris Sorensen, John Ebeling, Bill Nienajadly, and Mike Bugai

NORTHERN FM DX

SEPTEMBER 1993

STATION NEWS: 98.9 in the Austin, TX area (Lampassas) has changed from oldies to a Z-Rock affiliate. Its new calls are KUTZ. KDST 99.3 in Diversville, Iowa is SMN Real Country. In San Antonio, KSMG 105.3 Seguin goes to adult contemporary. In New York City, WYNX 103.5 is remaining with its country format but it has a new slogan, "Y 103.5 today's country hits". WCSE 97.5 in Bridgewater, Michigan is on the air with as and "Cosy 97.5". In Virginia, WSWS 104.7 Crews changes call letters to WKIK FM. They remain country but now are trying more to get into the Richmond market. Their new slogan is "The Bear". Another slogan change this time in South Florida, as 106.7 Ft.Lauderdale becomes "Tropics 106.7". New calls are WTPX, and the format is soft adult contemporary. 94.3 in Lawton, Okla. is KQLI no more, the are now KZCD, and "CD country", joining that satellite country service. In Buixi, Miss., 96.7 now has the calls WXRG. They are classic rock and have the slogan "Rock 96.7". WFSP 107.7 in Kingwood, West Virginia is on the air now, with a "Sunny 107.7" slogan, and is WBZW in Loudonville, Ohio same frequency switched to a/c a short time ago after being new age jazz since their sign on. Well now they have changed again: to oldies and "Oldies 107". WQZS 93.3 in Myersdale PA is new to the air. They are album rock and use the slogan "QZ93". CBC has been testing on the air on 94.3 for its new English mono service. Conflicting reports have the city of license either Huntsville or Roseau, although those two cities are not that far apart. This ties

GREG CONIGLIO - 5100 GLENWOOD DRIVE - WILLIAMSVILLE, NEW YORK 14221

Equipment: Pioneer TX9100 tuner and/or Carver TX-11 tuner, Stereo Probe 9 FM antenna @ ~ 25 AGL, 9 element Jeroid used with 2 capacitor in a box system, along with rabbit ears, for phasing purposes. CAC-11 and RG6 coax, Archonor

JULY 1993 DX

6 Es

1200 KCFR 90.1 CO Denver, c5, legal ID 1389
1203 KBPI 105.9 CO Denver, legal ID, album \$ 1384
1206 KJUN 92.3 TX Farwell, wx, calls, g\$ 1417
1209 KQIZ 93.1 TX Amarillo, All Hit 293 1344
1215 KMMI 98.7 TX Amarillo, calls, country 1351
1216 KSID 98.7 NE Sidney, m\$, same muffled audio as in 1991, Cheyenne Co. mentions 1258
1219 KTCL 93.3 CO Fort Collins, modern rock 1370
1220 KEYE 95.9 TX Perryton, legal ID? Each time I have heard them they have given a legal ID! 1261
1226 KUAD 99.1 CO Windsor, country\$, K99 1349
1230 KKBS 92.7 OK Guymon, local ads phCKBX 1266
1234 KEXX 106.7 KS Hugoton, "America's best Mx" and country format change for them 1263
1241 WKDD 96.5 OH Akron, in strong, rarely heard of WCMF & WCOA; perhaps this is backscatter? 191

JULY 6 Es continued

1250 WMXZ 95.7 LA New Orleans, Mix 95.7 1098
1255 KBLX 92.1 CO La Junta, SE CO wx, calls 1352
1500 KWWR 95.7 MO Mexico, County 96, \$ 737
1501 KOEZ 92.3 KS Newton, calls, b\$ 1037
1501 KOSU 91.7 OK Stillwater, ID, hi Danny 1091
1501 KCMA 92.1 OK Broken Arrow, legal ID boy that was a productive minute there! 1036
1503 KXLS 99.7 OK Alva, weather 4cast 1125
1505 KZEB 95.5 MO Pleasant Hope, new station on for Springfield market, classic hits\$, "The B" 858
1510 KGLI 95.5 1A Sioux City, KG95, top 40s, how'd this one get in here?? in for awhile too 899
1511 (K BN) 90.7 KS Wichita, g\$, calls, ex KZZD 1041
1512 KEYN 103.7 KS Wichita, Oldie 104 KEYN \$ 1048
1512 KCMD 94.9 MO Kansas City, c\$, phCKGE 870
1521 KNEN 94.7 NE Norfolk, ads 965
1524 KJCK 94.5 KS Junction City, Power 94.5, ads wx, \$ over phased 100kW local WNED rare! 985

NORTHERN FM DX

GREG CONIGLIO'S REPORT continues

JULY 12 Es

5th Es cont.

1534 KLS 92.7 KS Minneapolis, new to air, many Salina area ads, verified them 1026
1545 KMZA 92.1 KS Seneca, "Kansaland Radio" and nearby ads this must be new to the air 927
1546 KREP 92.1 KS Belleville, local ads incl. 150th celebration for town of Cuba, mixing wkKMZA 1006
1640 KCGM 95.7 MT Scobey calls heard, same lousy audio that heard way back in 1988! 1335
OHNO, have to leave for work! Able to DX in car, plus left tape running on 92.1
1645 KGGG 100.3 SD Rapid City hit 100 FM 1228
KKMK 93.9 SD Rapid City, a/c music 1227
to KSQY 93.5 SD Deadwood, AOR 1255
CITI 92.1 MB Winnipeg, 92 Citi FM, strong 1000
CBWV 97.9 MB Brandon, CBC mono EE 1118
KPSD 97.1 SD Faith, SDPR 1175
1700 KQSD 91.9 SD Lowry SDPR 1064
KQEP 92.1 MN Madison, on tape! 881
7 Tr

2120 WOLN 91.3 NY Clean, finally // WBFO 88.7 local WBNY Buffalo off, but WCLN Erie is major pest 87

8 Es

0940 WXFX 95.1 AL Prattville, The Fox 839
0943 WQUE 93.3 LA New Orleans, Q93 traffic 1097
0944 (KLEB) 94.3 LA Galiano, 94 Ctry, ex KBAL 1132
0950 WHER 103.7 MS Hattiesburg, Eagle 103, KS 876
0954 WLSD 97.9 MS Wiggins, KS JS98 1018
0957 WPAP 92.5 F. Panama City KS 942
0958 WSLY 104.9 AL York, believe it's them simulcasting WALT 910 Meridian, "T91" on this freq 886
0957 KCIL 107.5 LA Houma, C107 news 1148
1003 WCKW 92.3 LA Laplace, Stevens & Puett 1119
1030 WMXZ 95.7 LA New Orleans, ES PESTI 1098

AUGUST 1993 DX

4 Es

1458 KERA 90.1 TX Dallas, local ws 1224
4 TS
2250 CHYR 96.7 ON Leamington, noted on with country over phCHYM. Calls heard 210

IDAHO'S
MAGIC 93.1
KZMG FM

First of all a big thanks to Doug Smith and Tom Bryant for hosting a wonderful convention!! I was very well done a feat that must be more difficult than it appears! enjoyed the location (beautiful downtown view surprising DXability for that spot too, the Saturday evening banquet, and meeting everybody think the total was in the upper 30s. the most I have ever seen at a WTDFA convention. And of course a big thanks to Doug and Tom for ordering that super Sunday morning tropo, that really hit the spot, hi. it was quite shocking to turn on Matt Sittel's car radio only to hear KEGL 97.1 (Fort Worth, TX) blasting in! And KCWS 102.7 Merle-Abilene, TX later that morning, and channel 60 San Antonio??!! Very nice! I am looking forward to attending next year's show, wherever it may be. Thanks again! I am really glad to have been there to witness that tropo, because there has been nothing at all tropewise here since mid June! Even typical summer morning enhancement to Toledo, Detroit, Cleveland, Syracuse/Utica, etc. has been way off. The narrow Owensboro-Evansville duct on July 21 (Thank you WJYE 96.1 for being off!) suspect it was for installation of new W69CS Buffalo, a Jukebox station, on their Rand Building Tower) although being very nice, was the only thing of note at all! The weather has been conducive to tropo too-we had one stagnant period that lasted over a week with no fronts or rain, just hot sticky weather (lower 90s/upper 80s, high humidity). Perfect trop weather but nothing at all. On the other hand May and June were cooler and rainier and less stable, but more tropes?? Skipwise, July was decent though the after half really slacked off, as it often does. In early August there remains signs that the season is not over yet. Overall for me a decent skip year, many openings, and some of very good signal strength, but not very long lived. They would really get going and then not long afterward, just fizzle out. I see other reports of strange reception on the day of my June 18th Mexico double hop, and that is just hours before KATU-2 was seen in Japan (reported to us in Mike Cherry's August WTVDX report)! Thanks Matt Sittel, Dave Nieman, Saul Chernos, dBruce Hall and Richard Contone for sending in logos!

[62-475]

VHF/UHF UTILITY DX

[62-475]

WEATHER AIR MARINE PSB

BILL HEPBLRN 35 LOCKWOOD RD - BRAMPTON ON - L6Y 4T7

Deadline for Nov column Oct 10

This month plenty of DX loggings PSB from the former Soviet Union And AIR band DX tips!

But first.. DX reports..

LOGGINGS

HANK HOLBROOK - 407 ARUNDEL RD FAIR HAVEN CLIFFS - DUNKIRK MD - 20754

Rcvr: Sony AIR-B Ant: ANI B whip

† = initial CW on 156.8

MAY 1993 (EDT)

1 TR 0635 KBNJ	156.4	+ NJ New Jersey Coast 180 SHIP SealandQuality (50 mi S of Ambrose Lt NY)
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.see note # 1)

JUNE 1993

14 TR 0720 NMY-15	157.1	+ CT NEW HAVEN	295 JSCG Long Isld Snd
0812 NMY-42	157.1	+ NY MORICHES	280 USCG
0832 NMF 2	157.1	+ MA WOODS HOLE	370 JSCG
0835 N -	157.1	+ PA PHILADELPHIA	110 USCG
0836 NMY-52	158.8	NJ HIGHLANDS	185 JSCG Sandy Hook
25 TR	158.8	NY FIRE ISLAND	230 JSCG
WHD-710	156.8	NJ Central N.J.	COAST Sea Tow

JULY 1993

7 TR ... NMN 80 157.1 + VA HAMPTON ROADS 105 JSCG

Note # 1 Most distant ship on VHF. Type of vessel Container. 25 watts

Good DX with fair to good signals. Powers generally 50 to 65 watts. JSCG Philadelphia was strong. It's heard often at 1235 UTC. Sea Tow was calling a ship in distress

**** NEW REPORTER ****

BILL NLENAJADYL KF2OK PO BOX 2999 CLIFTON NJ - 07015

Rcvr (Home) PRO-37 w/whip. (Work) Cobra SR-900 w/whip.

Recent ES on scanner was 42.12 Jefferson Co MD (MD State Pol ?). In fact, 42.12 is the #2 most rcvd here..over 15-20 times this season alone. 33.94 is #1 with being heard 20+ times this season. Sorry about the lack of call letters, I think 33.94 is FL. (Some FL Fire Depts are listed on 33.94 BH) Other freqs are 42.14 42.16, 33.70 + about 25 others I've found the scanner a valuable "E Skip Detector". At times at work I've found that when you start hearing 33.94, then 1/2 hr later 42.12, check the FM band; or better yet when you start hearing the lower powered police cars along with the base station, you know it's on FM or it should be (Or at least TV, BH)

VHF/UHF UTILITY DX

About NWS, my local is KWD-35 162.55 & its relay 162.475 is heard weekly (normally) from RIVERHEAD NY. I will get 162.475 from KINGSTON NY occasionally though. 162.40 from ATLANTIC CITY NJ (106 mi) is a common trop station.

GOODXING, Bill N

(Thanks for the intro to your Scanner DX setup Bill. On days when skip is slow (i.e. not reaching IV or FM), you may want to jot down some of your loggings & send them in. Tropes would be interesting too. I may be able to help out with most of the call letters. I'm looking forward to seeing your future DX reports! BM)

**** ANOTHER NEW REPORTER ****

■ P. McQUEARY 1901 RD B REDWOOD VALLEY CA 95470

Rcvr: Realistic PRO-43 w/whip.

LOCAL RECEPTION IN UKRAINE & RUSSIA.

MARCH/APRIL 1993

UKRAINE

34 05	NFM	UKR KIEV	Unid
41 4	NFM	UKR UMAN	POL Soviet Police
49.875	AM	JKR UMAN	CPK Toy Walkie-Talkies
126.8	AM	UKR KIEV	AUDS Kiev Airport
132.6	AM	UKR UMAN	AIR Uman Military Airport
149.90	NFM	UKR KIEV	MOBL Cellular Telephone Rptr
153.10	NFM	UKR KIEV	MANUF Factory
158.625	NFM	UKR ODESSA vonta	SKIP
168.075	AM	UKR KIEV	TRANSIT Kiev Subway
460.0175	NFM	UKR UMAN	MIL Army Telephone

RUSSIA

118.8 AM RUS MOSCOW AIR Moscow ATC

Perhaps I am the first person to sneak a scanner into the (former) L.S.S.R. I do have to admit, I was nervous and worried about passing through customs.

While on my way to Kiev out of Newark, I met an agent from Copenhagen who worked for Hershey Chocolate Inc. I asked him if they had VHF/UHF receivers in his country. He told me that they do. I then explained to him I was attempting to sneak a Police Scanner into the former "USSR". The gentleman quickly gave me some good advice. "Tell them, it's your portable cellular. They may take it if they don't believe you, or they might make you pay a duty. I would try to convince the officer that it is a cellular".

The plane landed in Kiev. I started to sweat. I didn't know what to expect. What would they do? Drag me off into a back room and interrogate me? Or would they confiscate my beloved PRO-43? To my surprise, they said nothing and asked nothing. The customs department simply X-rayed my luggage, and asked me if I had any gold or weapons. After my short conversation with the officer, I entered the C.I.S. with my scanner and all.

Quite an adventure, Albert! You must have been sweating buckets! By the way from your description of what you heard on 41.4 MHz (break & enter, robbery, etc.) this would sound more like the local po ice rather than the "Soviet Police", which, I assume, no longer exist. Interesting stuff! BH)

UHF/UHF UTILITY DX
This month we have news on numerous new Weather broadcast stations that have recently hit the airwaves -- most of them AWOS stations (Automated Weather Observation Stations). More and more of these computer-activated robot stations are being installed at smaller airports everywhere. Expect to see some of these stations to start up in Canada in the next couple of years as well.

UHF/UHF UTILITY DX

BRIAN WEBB - 3329 SILVER SPUR CT - THOUSAND DAKS, CA - 91360-1041
805-492-4263

Rcvr: Realistic PRO-2006 & PRO-2024
Ant: 30 MHz h-dipole & 35 MHz sloping dipole

FEBRUARY 1993 (PST)

27 F2 0957 KCB-979 33.90 CT NORWICH 2568 FIRE

MARCH 1993

1 F2 1229 KGB-313	33.38	PA W BROWNSVILLE	2162 PETRO Columbia Gas
4 F2 1008 KCB-460	37.58	NH CONCORD	2590 UTE ConcordElectric
8 F2 1037 KIT-797	44.22	FL MIAMI	2356 TRANSPI Commercial
15 F2 1203 Lone Wolf	32.40	USA ?	MIL Army
25 F2 1020 Force Ct1	30.40	USA ?	MIL
(aka Enforcement Ct1)			
29 F2 1025 KPE-333	35.50	MD or VA	PAG
30 F2 1142 SnakeBite	45.30	USA ?	MIL

JUNE 1993 (PDT)

8 ES 0952 KPA-355	35.24	TX NEW BRAUNFELS or SAN ANTONIO	PAG American Mobph
9 ES 0852 KNDY-674	39.30	NE HEARTWELL	1186 PETRO Natural Gas
1042 KKL-869	49.58	TX SAN ANGELO	1081 IND Pool Company
24 ES 1051 KKD-558	33.30	OK GRAY	1025 PETRO Natural Gas

JULY 1993

4 ES 1303 ? 44.80 NM SANTA FE 730 CONSRV NM Fish/Game
(calls KNAS-415 or KUE-717)

WILLIAM R HEPBURN - 35 LOCKWOOD RD - BRAMPTON ON - L6Y 4T7 (EDT)

Rcvr: Realistic PRO-2004
Ant: v-dipole in attic

MAY 1993

6 GW ... XMJ-330 162.55 ON KITCHENER-WATERLOO 33 WX Xmtr @ Cambridge

JULY 1993

7 TR 0733 CYQG	134.5	ON WINDSOR	188 ATIS
0752 XMJ-838	162.475	ON WINDSOR	193 WX
18 TR 0747 XLN-600	162.40	ON MOUNT FOREST	57 WX Xmtr @ Keweenaw
(/ XMJ-330 162.55)			

TIPS FOR AVIATION BAND DXING

The UHF & VHF Aeronautical Bands present an especially challenging & unique form of DX for a number of reasons. Many DXers are disappointed in first attempts at DXing this band -- when some stations only 20 or 30 miles away may be difficult to receive. However..good DX can be had -- but you have to work hard at it.

If you think of how this band is used -- the reason behind all this becomes quite clear. The primary users, of course, are aircraft usually flying at 5,10..all the way up to 40000 Ft. Now at 40000 Ft., line of sight extends out to 265 miles! In order to serve a 40-100 mile radius of an airport, aeromechanical ground stations require very little power. Most stations use only between 5 and 25 watts -- with 100 watts used by many of the longer-range enroute Navigation Aids with weather broadcasts.

WEATHER RADIO

NEW STATIONS

XMJ-330 162.55 ON KITCHENER/WATERLOO (now on air!)
XLN-600 162.40 ON MOUNT FOREST (KENILWORTH) (/ XMJ-330 Kitchener)

MARINE

NEW STATIONS

162.40 BC NOOTKA (CMB // VAE 161.65 Tofino)

CHANGES

XLK-895 162.475 BC NADEN HARBOUR (CMB, UAJ Prince Rupert, ex-162.40)

AERONAUTICAL (AM mode)

NEW STATIONS	KSLC	127.525 UT SALT LAKE CITY - ATIS (Arrival)
PAMHM 135.55 AK MINCHUMINA - AWOS	KPBH	125.875 WI PHILLIPS - AWOS
KHII 119.025 AZ LAKE HAVASU CITY - AWOS		
(// HI 364 kHz)		
KCEC 133.875 CA CRESCENT CITY - AWOS	KGAD	127.825 AL GADSDEN - AWOS back in service
KAPF 134.225 FL NAPLES - ATIS	PAVD	118.8 AK VALDEZ - AWOS out of service UFN
PHSF 142.95 HI CAMP POHAKULA - BRADSHAW ATIS	KFLP	132.075 AR FLIPPIN - AWOS (ex-132.175)
PHNL 279.4 HI HONOLULU - ATIS (/127.9)	BSY	117.1 FL BISCAYNE BAY - VOR out of service
KONV 119.275 IL DANVILLE - AWOS		UFN (MIAMI ATIS deleted, still on
K1H2 118.375 IL EFFINGHAM - AWOS		
KAXA 125.525 IA ALGONA - AWOS	KAPF	135.425 FL NAPLES - AWOS back in service
KAIO 127.825 IA ATLANTIC - AWOS	PHNL	127.9 HI HONOLULU - ATIS - delete 132.2
KADU 125.525 IA ALGONA - AWOS	SWL	112.4 MD SNOW HILL - VOR
KCIN 119.775 IA CARROLL - AWOS	-	delete NEW YORK Enroute-ATIS
KCNC 125.525 IA CHARITON - AWOS	ACK	116.2 MA NANTUCKET - VOR
KCCY 125.525 IA CHARLES CITY - AWOS	-	delete NEW YORK Enroute-ATIS
KICL 132.025 IA CLARINDA - AWOS	KESC	128.575 MI ESCANABA - AWOS (ex-132.175)
KCBF 126.575 IA COUNCIL BLUFFS - AWOS	KBUJ	119.275 MN BEMIDJI - AWOS (ex-121.375)
KDEH 120.925 IA DECORAH - AWOS	FGT	115.7 MN FARMINGTON - VOR/AWOS
KFEL 132.025 IA FAIRFIELD - AWOS		(LAKEVILLE AWOS added)
KK27 120.925 IA FORT MADISON - AWOS	KJHW	118.425 NY JAMESTOWN - AWOS
KEOK 118.375 IA KEOKUK - AWOS	(ex-118.175)	
KOKV 119.775 IA KNOXVILLE - AWOS	PWA	113.4 OK OKLAHOMA CITY - VOR
KLRJ 125.525 IA LE MARS - AWOS	-	delete WILEY POST ATIS
KOLZ 119.675 IA OELWEIN - AWOS	KLBE	118.375 PA LATROBE - ATIS/AWOS
KORC 127.025 IA ORANGE CITY - AWOS	(ex-AWOS only)	
KRDK 119.775 IA RED OAK - AWOS		(ATIS while tower open, AWOS when tower closed, WH)
KSHL 119.775 IA SHELDON - AWOS	PSB	115.5 PA PHILIPSBURG - VOR
KSLB 125.575 IA STORM LAKE - AWOS	-	delete NEW YORK Enroute-ATIS
KAWG 127.825 IA WASHINGTON - AWOS	BKX	108.8 SD BROOKINGS - VOR/AWOS
KEBS 127.825 IA WEBSTER CITY - AWOS	(AWOS back in service)	
KI26 128.175 KY HENDERSON - AWOS	LEM	111.4 SD LEMMON - VOR out of service UFN
KHVC 132.575 KY HOPKINSVILLE - AWOS	RND	112.3 TX UNIVERSAL CITY - VOR/ATIS
KFDK 124.875 MD FREDERICK - AWOS	(RANDOLPH ATIS	
KMSP 127.75 MN MINNEAPOLIS/ST PAUL - ATIS	added - on irregular basis only for student training //	
(// 120.8, 135.35)	271.8)	
K4SD 135.175 NV RENO - STEAD AWOS	KVJL	128.125 VA AVINGDON - AWOS (ex-127.725)
KBWP 127.875 ND WAHPETON - AWOS		
KAXV 128.325 OH WAPAKONETA - AWOS	DELETIONS	
KPWA 132.75 OK OKLAHOMA CITY - WILEY POST ATIS		
KOK78 134.175 OK WATonga - AWOS		
KWWR 118.425 OK WOODWARD - AWOS		
KQAS 135.675 TN ELIZABETHTOWN - AWOS		
KFYM 135.275 TN FAYETTEVILLE - AWOS		
KLUG 135.775 TN LEWISBURG - AWOS		

PHOTO-NEWS

MAILING ADDRESS:
PHOTO-NEWS
1228a Nice Road
SEPTEMBER 1993 Akron NY 14001-9529

Robert Delaney (KA9UVY) - Mt. Vernon Illinois. Equipment: 1990 Zenith 13" color SS 1311W, Emerson 865 VCR. Antennas, UHF Archer U120 at 87' AGL with RDX Labs UA 900 preamp and RG-11 coax; VHF rotatable vertical dipole at 25' AGL for Eskip and Channel Master 3600 at 55' AGL. Camera, Pentax K-1000 loaded with Kodak Gold Plus 200 ASA film.

WXXV-25
Gulfport Mississippi
550 mile tropo
seen September 12, 1992
at 0523 CST



WTVJ-4
Miami Florida
1007 mile E-skip
seen May 13, 1993
at 2000 CST



Thanks for
the photos
Robert.

TV REPORTER

Richard Contone -
Jamaica New York
Equipment:
VHF-UHF
combo
antenna
and Vivitar
DL-50
camera.

WPVI-6
Philadelphia Pennsylvania
77 mile tropo
seen June 12, 1993
at 2230 EDT



Rich's photos continues on page 2.

PHOTO-NEWS
Richard Contone's photo file continued...

page two

SEPTEMBER 1993

WBBC-16
Salisbury Maryland
170 mile tropo
seen June 12, 1993
at 2230 EDT



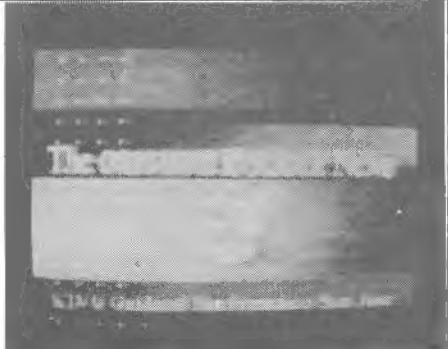
Rich thanks for the photos; if you can change your cameras shutter speed to 1/30th of a second it should eliminate the black bar in your photos.

Rocky Rehle-Pocatello Idaho. Equipment: RCA 35" color TV, Goldstar Hi-Fi VHS VCR, Radio Shack VU-90 antenna up 20 feet with rotator, Samsung AF 3.5in camera loaded with Kodak Gold 200 film.

KDFW-4
Dallas/Fort Worth Texas
1050 mile E-skip
seen June 29, 1993
from 19.18-20.15 MDT



KTVU-2
Oakland/San Francisco/San Jose California
600 mile E-skip
seen June 29, 1993
from 20.20-20.31 MDT



Nice to hear from you again, Rocky.

Till next time, **DAVE**

Distance Calculation by Computer

Several people asked at the convention how I calculate the distances to DX stations logged. The short answer is, by computer. The long answer is the program below...

```
5 KEY OFF:ON KEY(10) GOSUB 1000:KEY(10) ON
10 PI=3.14159265:#DR=PI/180
15 C1,S:PRINT "DX Calculation Program: F10, then Enter when one."
20 DEF FNA(X)=INT(X*10+.5)/10
100 PRINT "Your location:";GOSUB 800
110 HN=N:HE=E
200 PRINT "DX station:";GOSUB 800
210 GOSUB 2000
220 PRINT "Distance=";FNA(DX); "mi.; Bearing=";FNA(AZ/DR); "°"
230 GOTO 200
800 INPUT "Latitude Deg., Min., Sec. (separate with commas):";T1,T2,T3
810 INPUT "North or South?";TS
830 N=(T1+(T2/60)+(T3/3600))*DR
840 IF LEFT$(TS,1)="S" THEN N=-N
850 INPUT "Longitude Deg., Min., Sec. (separate with commas):";T1,T2,T3
860 INPUT "East or West?";TS
870 E=(T1+(T2/60)+(T3/3600))*DR
880 IF LEFT$(TS,1)="W" THEN E=-E
890 RETURN
1000 END
2000 CO=COS(HE-E)*COS(HN)*COS(N)+SIN(HN)*SIN(N)
2010 CA=ATN(ABS(SQR(1-CO*CO)/CO))
2020 IF CO<0 THEN CA=PI-CA
2030 DX=3952*CA
2040 SI=SIN(E-HE)*COS(N)*COS(HN)
2050 CO=SIN(N)-SIN(HN)*COS(CA)
2060 AZ=ATN(ABS(SI/CO))
2070 IF CO<0 THEN AZ=PI-AZ
2080 IF SI<0 THEN AZ=-AZ
2090 IF AZ<0 THEN AZ=AZ+2*PI
2100 RETURN
```

Lines 2040-2090 are required only to calculate the bearing; if you're only interested in distance, you can leave them out. (you'll then also need to modify line 220 appropriately) Also, if you want distances in kilometers, change the number in line 2030 from 3952 to 6367.

The "meat" of this program is the subroutine between lines 2000 and 2100. This can be used in other ways— with a calculator, to manually calculate distance & bearing; for spreadsheet formulas or calculated fields in a database of FM/TV stations; or as a basis for converting the program to other computer languages. (or for making this BASIC program more "user-friendly"!) I've already written a Windows version of the program, and placed the formulas into a MS-Works spreadsheet.

If you've never used the BASIC in your IBM/compatible before, here's how to enter this program: First, you need to get a C:\> prompt. From Windows, go to the Main group and double-click on MS-DOS Prompt. If you aren't using Windows, you're on your own... Type GWBASIC and press Enter. A (mostly) black screen should come up. Type in the numbered

program lines as they appear above. When you've finished typing, press F2 to run the program. Check that it works, by calculating the distance/bearing to some stations that you know the distance to. (your locals will work.) If there's a problem, most likely you mistyped something; double-check what's in your computer against this article.

Once you're satisfied that the program is working, make one change: change the word END in line 1000 to SYSTEM. This will cause the program to return to the C:\> prompt when done, rather than returning to the BASIC screen. Then, save the program: press F4, type DXC (or whatever other name you want to give the program), and press Enter. Now, to run the program in the future, get a C:\> prompt, type GWBASIC DXC, and press Enter.

This program is based on program 5.2 in the book, *Amateur Radio Software*, by John Morris GM4ANB. The book is published by the Radio Society of Great Britain, and should be available through the ARRL, 225 Main St., Newington CT 06111, or call 203-666-1541. Better-equipped ham shops probably also have it. This book has a number of programs relevant to the FM/TV DXer, including troposcatter path loss calculation, MUF calculation (for F2 skip), antenna and circuit design aids, satellite location, crude recordkeeping programs, and even a simple electronic circuit analysis program! Also included are tips on converting BASIC programs from the rather generic "dialect" used in the book to whatever version your computer uses. If you have a computer, I highly recommend that you check this book out.

Of course, once you have the program, you need a way to find out what the DX station's, and your, geographical coordinates are. For your own coordinates, the most available solution is a US Geological Survey topographic map; these are available for all areas of the USA and show geographic coordinates. Try looking up the USGS in your phone book. (unfortunately, I don't have any more details, as I've never had to use one of these maps!) A second choice, and one I recommend if you live in one of the states covered, is the *Atlas and Gazetteer* by DeLorme Mapping Co., 800-227-1656. These are currently available for about 15 states, and contain topographic maps of the entire state, plus virtually every road & street. Besides locating your coordinates, this Atlas will help you in finding your local stations, that little-known fishing hole, whatever... A third solution, and the one I'm using here, is to pick a local broadcast tower within a mile or so & look up its coordinates, and use them.

Finding the DX station is another problem. For FM, the only answer I know of is the official FCC database. My copy was purchased from Buckmaster Publishing, 703-894-5777, as part of their *HamCall* CD-Rom. Some computer "massaging" of that raw data is necessary. For TV, the *HamCall* CD works; so does the *Television Factbook*, available at most libraries.

I've written two "embellished" versions of the above program, one for DOS (which allows batch processing of large numbers of DX stations, just the thing for that mega-Ex opening...) and the other for Windows. I'll send a 3 1/2" 720K floppy with both programs and a Microsoft Works spreadsheet with the same formulas in return for a disk mailer (no disk required— I've got a lot of used 3 1/2" disks) with return postage, or \$1. I can also provide 360K or 1.4MB disks, but you'll have to send a blank disk along with your mailer.

Doug Smith
14 Brookside Court
Nashville, TN 37209-4503

MURPHY'S LAWS (of DX)

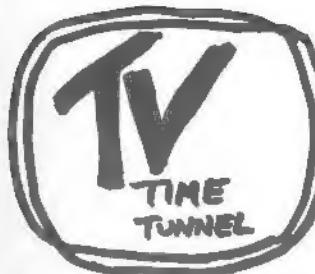
By John F. Combs N4SF5

Having DXed a lot of TV and some FM since 1972 or so, I have discovered that there are a lot of absolute laws that apply to the hobby, and I'd like to share those with you. This is not by any means an exhaustive list, and I welcome additions!

JOHN

- Signal strength will always fade during an ID...;
- If a visual ID is given, the actual ID will be in the smallest type font available while any useless information is in letters 2 feet high...;
- If an aural ID is given, the announcer will be suffering the effects of (a) hangover, (b) novacaine shot, or (c) loose bridgework...;
- No matter how long you wait for a local break on a mystery station, it will only occur when you are on a bathroom break... (MORAL: A large Mason Jar kept at arm's reach in the snack will save many loggings!);
- A little-known FCC regulation allows stations to ID during DX openings only if they feel like it...;
- All-night DX openings will only occur on the eve of a critical day at your job...;
- If you attempt to phone a station to confirm a logging, you will invariably wind up talking to the station employee with the lowest I.Q....;
- Don't bother confirming that once-in-a-lifetime logging. No one will believe you anyway...;
- A potential DX station will always change its schedule the week after you obtain a TV Guide from that area...;
- Any piece of electronic equipment has a mind of its own -- and it doesn't like you...;
- If a piece of electronic equipment fails to function properly, turn it off, wait 24 hours, then turn it back on. Chances are it'll work fine... (This is the principle known as "FM": "f---ing magic");
- An antenna dropped from a tower or rooftop will fail in such a way as to do the maximum possible damage...;
- The lower the overload threshold on your pre-amp, the greater the chance that mass quantities of new locals will soon sign-on...;
- If there is even one open TV channel left in your area, TBN will find it...;
- If your 24-hour, 365-day local goes off the air unexpectedly, you can be assured that there will be no propagation at the time...;
- If there is a CBer in the area running a linear, you will be blamed by neighbors for the resultant interference...;
- The best situated neighborhood for DX in your city will invariably have deed restrictions prohibiting outdoor antennas...;
- Mexican, Puerto Rican, and (especially) Cuban Spanish bear no relation to any Spanish you may have learned in school -- they are impenetrable polyglots consisting of 50% regional slang and 50% pure gibberish...;
- The same identical patterns on the weather map that produced that super-tropo will never, ever produce an opening again...;
- A DX station that you have been trying to snag for years will be logged on the first try by the new snoot-nosed teenage DXer in the club, using a coat hanger and aluminum foil...;
- Non-DXing friends will always show up at your door, uninvited, during a big opening...;
- If you cohabit with a wife, girlfriend, or parents, they will never, ever understand your interest in DXing -- nor will they ever WANT to...;
- Attempting to explain your hobby to non-DXers will always result in your being branded either a pervert, a Communist, or a candidate for the Psych Ward...;
- If you forget to remove the erase-protect tab from your DX tape, within 24 hours another family member will use it to tape "All My Children"...;
- All treatises, theories, and articles aside, no one REALLY understands DX -- it is akin to acupuncture, voodoo, and black magic...;

PREPARED FOR THE WFOA BY TOM BRYANT, 849 TODD PREIS DRIVE, NASHVILLE, TN 37221; 615-646-2000. OK, you're right, this is what a lot of folks call a 'no-brainer'; but your column editor thinks he's entitled to a bit of comic relief after co-hosting the 1993 convention. Besides, I suspect most of us have been victims of overconfidence more often than we would like to admit.



Mr. Customer Fixes His Own TV Set

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